Qwest Advice No. 3376T Page 1 Of 743 ENRC Version: 2.14

Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

Summary of Results Commission Prescribed Costing & Pricing

		State Cost/Price	State Cost/Price	
	Total	Factor 1	Factor 2	Total Cost
Cost Element	Direct	.1962	.0405	or Price
		17002	10 100	0. 1 1100
CUSTOMER TRANSFER CHARGE POTS FIRST MECHANIZED	\$4.68	\$0.92	\$0.23	\$5.82
CUSTOMER TRANSFER CHARGE POTS EA ADDL MECHANIZED	\$4.24	\$0.83	\$0.21	\$5.28
CUSTOMER TRANSFER CHARGE POTS FIRST MANUAL	\$17.06	\$3.35	\$0.83	\$21.24
CUSTOMER TRANSFER CHARGE POTS EA ADDL MANUAL	\$6.29	\$1.23	\$0.30	\$7.83
CLEC TO CLEC COLLOCATION CROSS-CONNECTION INSTALL mechanized	\$94.77	\$18.59	\$4.59	\$117.96
CLEC TO CLEC COLLOCATION CROSS-CONNECTION INSTALL manual	\$104.02	\$20.41	\$5.04	\$129.47
CLEC TO CLEC COLLOCATION CROSS-CONNECTION DISCONNECT mechanized	\$39.91	\$7.83	\$1.93	\$49.68
CLEC TO CLEC COLLOCATION CROSS-CONNECTION DISCONNECT manual	\$49.16	\$9.65	\$2.38	\$61.19
UNBUNDLED LOOP 2/4 WIRE WITH COOPERATIVE TEST FIRST connection - MECHANIZED	\$71.10	\$13.95	\$3.44	\$88.49
UNBUNDLED LOOP 2/4 WIRE WITH COOPERATIVE TEST FIRST disconnection - MECHANIZED	\$13.57	\$2.66	\$0.66	\$16.89
UNBUNDLED LOOP 2/4 WIRE WITH COOPERATIVE TEST FIRST connection - MANUAL	\$89.41	\$17.54	\$4.33	\$111.29
UNBUNDLED LOOP 2/4 WIRE WITH COOPERATIVE TEST FIRST disconnection - MANUAL	\$24.34	\$4.78	\$1.18	\$30.30
UNBUNDLED LOOP 2/4 WIRE WITH COOPERATIVE TEST EA ADDL connection - MECHANIZED	\$43.61	\$8.56	\$2.11	\$54.28
UNBUNDLED LOOP 2/4 WIRE WITH COOPERATIVE TEST EA ADDL disconnection - MECHANIZED	\$13.57	\$2.66	\$0.66	\$16.89
UNBUNDLED LOOP 2/4 WIRE WITH COOPERATIVE TEST EA ADDL connection - MANUAL	\$43.61	\$8.56	\$2.11	\$54.28
UNBUNDLED LOOP 2/4 WIRE WITH COOPERATIVE TEST EA ADDL disconnection - MANUAL	\$13.57	\$2.66	\$0.66	\$16.89
DS1,DS3,OCN CAPABLE LOOP BASIC INSTALL WITH COOPERATIVE TEST (NEW SERVICE) FIRST Install - M	\$163.96	\$32.17	\$7.94	\$204.07
DS1,DS3,OCN CAPABLE LOOP BASIC INSTALL WITH COOPERATIVE TEST (NEW SERVICE) FIRST Disconnec	\$18.07	\$3.55	\$0.88	\$22.49
DS1,DS3,OCN CAPABLE LOOP BASIC INSTALL WITH COOPERATIVE TEST (NEW SERVICE) FIRST Install - M	\$171.71	\$33.69	\$8.32	\$213.72
DS1,DS3,OCN CAPABLE LOOP BASIC INSTALL WITH COOPERATIVE TEST (NEW SERVICE) FIRST Disconnec	\$19.29	\$3.78	\$0.93	\$24.01
DS1,DS3,OCN CAPABLE LOOP WITH COOPERATIVE TEST (NEW SERVICE) EA ADDL Install - MECHANIZED	\$149.71	\$29.37	\$7.25	\$186.34
DS1,DS3,OCN CAPABLE LOOP WITH COOPERATIVE TEST (NEW SERVICE) EA ADDL Disconnect - MECHANI.	\$9.63	\$1.89	\$0.47	\$11.99
DS1,DS3,OCN CAPABLE LOOP WITH COOPERATIVE TEST (NEW SERVICE) EA ADDL Install - MANUAL	\$150.43	\$29.51	\$7.29	\$187.23

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ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

Summary of Results Commission Prescribed Costing & Pricing

otate. Washington	Total	State Cost/Price Factor 1	State Cost/Price Factor 2	Total Cost
Cost Element	Direct	.1962	.0405	or Price
DS1,DS3,OCN CAPABLE LOOP WITH COOPERATIVE TEST (NEW SERVICE) EA ADDL Disconnect - MANUAL	\$9.63	\$1.89	\$0.47	\$11.99
UDIT M1-3 MULTIPLEXING INSTALL mechanized	\$754.22	\$147.98	\$36.54	\$938.73
UDIT M1-3 MULTIPLEXING INSTALL manual	\$883.71	\$173.38	\$42.81	\$1,099.91
UDIT M1-3 MULTIPLEXING DISCONNECT mechanized	\$491.37	\$96.41	\$23.81	\$611.58
UDIT M1-3 MULTIPLEXING DISCONNECT manual	\$620.87	\$121.81	\$30.08	\$772.76
UDIT DS0 REARRANGEMENT DUAL OFFICE mechanized	\$114.79	\$22.52	\$5.56	\$142.88
UDIT DS0 REARRANGEMENT DUAL OFFICE manual	\$124.04	\$24.34	\$6.01	\$154.39
UDIT DS0 REARRANGEMENT SINGLE OFFICE mechanized	\$91.00	\$17.85	\$4.41	\$113.27
UDIT DS0 REARRANGEMENT SINGLE OFFICE manual	\$100.25	\$19.67	\$4.86	\$124.78
UDIT HICAP REARRANGEMENT DUAL OFFICE mechanized	\$140.88	\$27.64	\$6.83	\$175.35
UDIT HICAP REARRANGEMENT DUAL OFFICE manual	\$150.13	\$29.46	\$7.27	\$186.86
UDIT HICAP REARRANGEMENT SINGLE OFFICE mechanized	\$125.53	\$24.63	\$6.08	\$156.24
UDIT HICAP REARRANGEMENT SINGLE OFFICE manual	\$134.78	\$26.44	\$6.53	\$167.75
DARK FIBER - ENGINEER VERIFICATION	\$192.69	\$37.81	\$9.33	\$239.83
DARK FIBER - SPLICE	\$379.39	\$74.44	\$18.38	\$472.20
LOCAL TANDEM SWITCHING - DS1 LOCAL MESSAGE TRUNK PORT INSTALL- MECH	\$69.42	\$13.62	\$3.36	\$86.40
LOCAL TANDEM SWITCHING - DS1 LOCAL MESSAGE TRUNK PORT INSTALL- MANUAL	\$91.74	\$18.00	\$4.44	\$114.18
LOCAL TANDEM SWITCHING - DS1 LOCAL MESSAGE TRUNK PORT DISCONNECT- MECHANIZED	\$20.91	\$4.10	\$1.01	\$26.03
LOCAL TANDEM SWITCHING - DS1 LOCAL MESSAGE TRUNK PORT DISCONNECT- MANUAL	\$29.13	\$5.72	\$1.41	\$36.26
LOCAL TANDEM SWITCHING - TRUNK GROUP, FIRST INSTALL- MECHANIZED	\$63.19	\$12.40	\$3.06	\$78.64
LOCAL TANDEM SWITCHING - TRUNK GROUP, FIRST INSTALL- MANUAL	\$100.92	\$19.80	\$4.89	\$125.61
LOCAL TANDEM SWITCHING - TRUNK GROUP, FIRST DISCONNECT- MECHANIZED	\$13.28	\$2.61	\$0.64	\$16.53
LOCAL TANDEM SWITCHING - TRUNK GROUP, FIRST DISCONNECT- MANUAL	\$20.18	\$3.96	\$0.98	\$25.12

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ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

Summary of Results Commission Prescribed Costing & Pricing

otate. Washington	Total	State Cost/Price Factor 1	State Cost/Price Factor 2	Total Cost
Cost Element	Direct	.1962	.0405	or Price
	Ф 7 Г 4	#4.40	Φ0.07	#0.00
LOCAL TANDEM SWITCHING - MESSAGE TRUNK GROUP - EACH ADDITIONAL TRUNK INSTALL	\$7.54	\$1.48	\$0.37	\$9.39
LOCAL TANDEM SWITCHING - MESSAGE TRUNK GROUP - EACH ADDITIONAL TRUNK DISCONNECT	\$6.07	\$1.19	\$0.29	\$7.55
9.11.1.3 CENTREX COMMON EQUIPMENT	\$670.26	\$131.51	\$32.47	\$834.24
ACCOUNT CODES, PER SYSTEM	\$44.46	\$8.72	\$2.15	\$55.34
ATTENDANT ACCESS LINE - PER STATION LINE	\$0.64	\$0.13	\$0.03	\$0.80
AUDIBLE MESSAGE WAITING	\$0.56	\$0.11	\$0.03	\$0.70
AUTHORIZATION CODES - PER SYSTEM	\$132.97	\$26.09	\$6.44	\$165.50
AUTOMATIC LINE, per station line	\$0.19	\$0.04	\$0.01	\$0.24
ARS - COMMON EQUIPMENT, per system	\$1,166.66	\$228.90	\$56.52	\$1,452.08
CALL DROP	\$0.19	\$0.04	\$0.01	\$0.24
CALL EXCLUSION - AUTOMATIC	\$0.56	\$0.11	\$0.03	\$0.70
CALL EXCLUSION	\$0.37	\$0.07	\$0.02	\$0.46
CF DON'T ANSWER/CF BUSY CUSTOMER PROGRAMMABLE - PER LINE	\$0.56	\$0.11	\$0.03	\$0.70
CF DON'T ANSWER/CF BUSY CUSTOMER PROGRAMMABLE - SERVICE ESTABLSIHMENT	\$8.70	\$1.71	\$0.42	\$10.83
CALL WAITING INDICATION, per unique timing state, per timing state	\$0.56	\$0.11	\$0.03	\$0.70
CLASS - CONTINUOUS REDIAL, PER NUIMBER	\$0.70	\$0.14	\$0.03	\$0.87
CLASS - LAST CALL RETURN, PER NUMBER	\$0.70	\$0.14	\$0.03	\$0.88
CLASS - PRIORITY CALLING, PER NUMBER	\$0.67	\$0.13	\$0.03	\$0.83
CLASS - SELECTIVE CALL FORWARDING, PER NUMBER	\$0.70	\$0.14	\$0.03	\$0.87
CLASS - SELECTIVE CALL REJECTION, PER NUMBER	\$0.67	\$0.13	\$0.03	\$0.83
CFBL INCOMING ONLY	\$21.07	\$4.13	\$1.02	\$26.23
CFDA INCOMING ONLY	\$21.07	\$4.13	\$1.02	\$26.23
CONFERENCE CALLING - MEET ME - PER SYSTEM	\$23.60	\$4.63	\$1.14	\$29.38
CONFERENCE CALLING - PRESET - PER SYSTEM	\$23.60	\$4.63	\$1.14	\$29.38
DIR STA SEL/BUSY LAMP FLD, per arrangement	\$0.19	\$0.04	\$0.01	\$0.24
DIRECTED CALL PICK UP BARGE-IN	\$11.20	\$2.20	\$0.54	\$13.95

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ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

Summary of Results Commission Prescribed Costing & Pricing

		State Cost/Price	State Cost/Price	
	Total	Factor 1	Factor 2	Total Cost
Cost Element	Direct	.1962	.0405	or Price
Cost Element	Direct	.1302	.0400	or rrice
DIRECTED CALL PICKUP WITHOUT BARGE-IN	\$11.20	\$2.20	\$0.54	\$13.95
DISTINCTIVE RING/DISTINCTIVE CALL WAITING	\$22.40	\$4.40	\$1.09	\$27.88
EXPENSIVE ROUTE WARNING TONE - PER SYSTEM	\$39.96	\$7.84	\$1.94	\$49.74
FACILITY RESTRICTION LEVEL - PER SYSTEM	\$24.58	\$4.82	\$1.19	\$30.60
GROUP INTERCOM - PER LINE	\$0.25	\$0.05	\$0.01	\$0.32
HOT LINE - per line equipped, per line	\$0.56	\$0.11	\$0.03	\$0.70
HUNTING - MULTIPOSITION HUNT QUEUING - per group	\$21.44	\$4.21	\$1.04	\$26.69
HUNTING: MULTIPOSITION WITH ANNOUCEMENT IN QUEUE	\$21.44	\$4.21	\$1.04	\$26.69
HUNTING: MULTIPOSITION WITH MUSIC IN QUEUE	\$22.64	\$4.44	\$1.10	\$28.18
ISDN SHORT HUNT	\$0.94	\$0.19	\$0.05	\$1.18
LOUDSPEAKER PAGING TRUNK SIDE, per group	\$98.09	\$19.25	\$4.75	\$122.09
MAKE BUSY ARRANGEMENTS, per group	\$0.37	\$0.07	\$0.02	\$0.46
MAKE BUSY ARRANGEMENTS, per line	\$0.37	\$0.07	\$0.02	\$0.46
MESSAGE CENTER - per main station line, per line	\$0.19	\$0.04	\$0.01	\$0.24
MESSAGE WAITING VISUAL, per line	\$0.19	\$0.04	\$0.01	\$0.24
MUSIC ON HOLD - per system	\$12.85	\$2.52	\$0.62	\$16.00
PRIVACY RELEASE, per station line	\$0.26	\$0.05	\$0.01	\$0.33
QUERY TIME, per station line	\$0.19	\$0.04	\$0.01	\$0.24
STATION CAMP-ON, per main line, per line	\$0.19	\$0.04	\$0.01	\$0.24
TIME OF DAY CONTROL FOR ARS - PER SYSTEM	\$69.92	\$13.72	\$3.39	\$87.02
TIME OF DAY NCOS UPDATED, PER MAIN STATION	\$0.30	\$0.06	\$0.01	\$0.37
TIME OF DAY ROUTING, per line	\$0.29	\$0.06	\$0.01	\$0.36
TRUNK VERIFICATION FROM DESIGNATED STATION, PER LINE EQUIPPED	\$0.22	\$0.04	\$0.01	\$0.27
UCD - IN HUNT GROUP, incl. Queuing, Music on Queue, & Delay Announcement, per line	\$0.37	\$0.07	\$0.02	\$0.46
CMS - SYSTEM ESTABLISHMENT - INITIAL INSTALLATION	\$539.89	\$105.93	\$26.16	\$671.97
CMS - SYSTEM ESTABLISHMENT - SUBSEQUENT INSTALLATION	\$269.94	\$52.96	\$13.08	\$335.99

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ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

Summary of Results Commission Prescribed Costing & Pricing

3		State	State	
	Total	Cost/Price Factor 1	Cost/Price Factor 2	Total Cost
Cost Element	Direct	.1962	.0405	or Price
Cost Element	Direct	.1902	.0403	OI FIIC e
CMS - PACKET CONTROL CAPABILITY, PER SYSTEM	\$269.94	\$52.96	\$13.08	\$335.99
SMDR-P - SERVICE ESTABLISHMENT CHARGE, INITIAL INSTALLATION INSTALL	\$183.51	\$36.00	\$8.89	\$228.40
SMDR-P - SERVICE ESTABLISHMENT CHARGE, INITIAL INSTALLATION DISCONNECT	\$5.03	\$0.99	\$0.24	\$6.26
SMDR-P - ARCHIVED DATA	\$98.52	\$19.33	\$4.77	\$122.62
9.12.1.4 SUBSEQUENT ORDER CHARGE - MECHANIZED	\$4.40	\$0.86	\$0.21	\$5.48
9.12.1.4 SUBSEQUENT ORDER CHARGE - MANUAL	\$7.71	\$1.51	\$0.37	\$9.59
DIGITAL LINE SIDE PORT (SUPPORTING BRI ISDN) INSTALL-MECHANIZED	\$78.91	\$15.48	\$3.82	\$98.21
DIGITAL LINE SIDE PORT (SUPPORTING BRI ISDN) INSTALL-MANUAL	\$94.60	\$18.56	\$4.58	\$117.74
DIGITAL LINE SIDE PORT (SUPPORTING BRI ISDN) DISCONNECT - MECHANIZED	\$24.42	\$4.79	\$1.18	\$30.39
DIGITAL LINE SIDE PORT (SUPPORTING BRI ISDN) DISCONNECT - MANUAL	\$31.57	\$6.19	\$1.53	\$39.30
UNBUNDLED DS1 DID TRUNK PORT FACILITY INSTALL - MECHANIZED	\$70.15	\$13.76	\$3.40	\$87.31
UNBUNDLED DS1 DID TRUNK PORT FACILITY INSTALL - MANUAL	\$84.52	\$16.58	\$4.09	\$105.20
UNBUNDLED DS1 DID TRUNK PORT FACILITY DISCONNECT - MECHANZIED	\$22.23	\$4.36	\$1.08	\$27.67
UNBUNDLED DS1 DID TRUNK PORT FACILITY DISCONNECT - MANUAL	\$29.65	\$5.82	\$1.44	\$36.90
UNBUNDLED (DS0) ANALOG TRUNK PORT - 1ST INSTALL - MECHANIZED	\$21.16	\$4.15	\$1.03	\$26.34
UNBUNDLED (DS0) ANALOG TRUNK PORT - 1ST INSTALL - MANUAL	\$57.98	\$11.37	\$2.81	\$72.16
UNBUNDLED (DS0) ANALOG TRUNK PORT - 1ST DISCONNECT - MECHANIZED	\$4.85	\$0.95	\$0.23	\$6.03
UNBUNDLED (DS0) ANALOG TRUNK PORT - 1ST DISCONNECT - MANUAL	\$11.50	\$2.26	\$0.56	\$14.32
UNBUNDLED (DS0) ANALOG TRUNK PORT - ADDITIONAL INSTALL - MECHANIZED	\$5.20	\$1.02	\$0.25	\$6.47
UNBUNDLED (DS0) ANALOG TRUNK PORT - ADDITIONAL INSTALL - MANUAL	\$9.97	\$1.96	\$0.48	\$12.40
UNBUNDLED (DS0) ANALOG TRUNK PORT - ADDITIONAL DISCONNECT - MECHANIZED	\$4.85	\$0.95	\$0.23	\$6.03
UNBUNDLED (DS0) ANALOG TRUNK PORT - ADDITIONAL DISCONNECT - MANUAL	\$6.98	\$1.37	\$0.34	\$8.69
MESSAGE TRUNK GROUP, FIRST TRUNK - DS0 DIGITAL INSTALL- MECHANIZED	\$60.53	\$11.88	\$2.93	\$75.33
MESSAGE TRUNK GROUP, FIRST TRUNK - DS0 DIGITAL INSTALL- MANUAL	\$97.34	\$19.10	\$4.72	\$121.16
MESSAGE TRUNK GROUP, FIRST TRUNK - DS0 DIGITAL DISCONNECT - MECHANIZED	\$13.28	\$2.61	\$0.64	\$16.53
MESSAGE TRUNK GROUP, FIRST TRUNK - DS0 DIGITAL DISCONNECT - MANUAL	\$18.60	\$3.65	\$0.90	\$23.15

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ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

Summary of Results Commission Prescribed Costing & Pricing

		State	State	
	T . (.)	Cost/Price	Cost/Price	T. (. 1.0
. . .	Total	Factor 1	Factor 2	Total Cost
Cost Element	Direct	.1962	.0405	or Price
MESSAGE TRUNK OROUR EAGUARRITONAL POS RIGITAL INSTALL MESSUANIZER	\$11.95	\$2.34	\$0.58	\$14.87
MESSAGE TRUNK GROUP, EACH ADDITIONAL - DS0 DIGITAL INSTALL- MECHANIZED	\$16.71	\$3.28	\$0.33 \$0.81	\$20.80
MESSAGE TRUNK GROUP, EACH ADDITIONAL - DS0 DIGITAL INSTALL- MANUAL	\$10.47	\$2.05	\$0.51 \$0.51	\$13.03
MESSAGE TRUNK GROUP, EACH ADDITIONAL - DS0 DIGITAL DIS - MECHANIZED	•	\$2.05 \$2.47	•	·
MESSAGE TRUNK GROUP, EACH ADDITIONAL - DS0 DIGITAL DIS - MANUAL	\$12.60	•	\$0.61	\$15.69
DS1 PRI ISDN TRUNK PORT INSTALL - MECHANIZED	\$263.06	\$51.61	\$12.74	\$327.41
DS1 PRI ISDN TRUNK PORT INSTALL - MANUAL	\$277.43	\$54.43	\$13.44	\$345.30
DS1 PRI ISDN TRUNK PORT DISCONNECT - MECHANIZED	\$62.69	\$12.30	\$3.04	\$78.03
DS1 PRI ISDN TRUNK PORT DISCONNECT - MANUAL	\$69.85	\$13.70	\$3.38	\$86.94
	\$200.83	\$39.40	\$9.73	\$240.06
CCSAC STP PORT INSTALL mechanized	•	•	•	\$249.96
CCSAC STP PORT INSTALL manual	\$210.08	\$41.22	\$10.18	\$261.47
CCSAC STP PORT DISCONNECT mechanized	\$38.63	\$7.58	\$1.87	\$48.08
CCSAC STP PORT DISCONNECT manual	\$45.31	\$8.89	\$2.19	\$56.39
CCSAC OPTIONS BASIC FIRST ACTIVATION PER ORDER INSTALL mechanized	\$33.66	\$6.60	\$1.63	\$41.90
CCSAC OPTIONS BASIC FIRST ACTIVATION PER ORDER INSTALL manual	\$40.34	\$7.92	\$1.95	\$50.21
CCSAC OPTIONS BASIC FIRST ACTIVATION PER ORDER DISCONNECT mechanized	\$27.09	\$5.31	\$1.31	\$33.71
CCSAC OPTIONS BASIC FIRST ACTIVATION PER ORDER DISCONNECT manual	\$33.77	\$6.62	\$1.64	\$42.03
CCSAC OPTIONS BASIC EACH ADDL ACTIVATION PER ORDER INSTALL	\$2.66	\$0.52	\$0.13	\$3.31
CCSAC OPTIONS BASIC EACH ADDL ACTIVATION PER ORDER DISCONNECT	\$2.66	\$0.52	\$0.13	\$3.31
CCSAC OPTIONS DATABASE FIRST ACTIVATION PER ORDER INSTALL mechanzied	\$38.98	\$7.65	\$1.89	\$48.52
CCSAC OPTIONS DATABASE FIRST ACTIVATION PER ORDER INSTALL manual	\$45.66	\$8.96	\$2.21	\$56.84
CCSAC OPTIONS DATABASE FIRST ACTIVATION PER ORDER DISCONNECT mechanized	\$32.41	\$6.36	\$1.57	\$40.33
CCSAC OPTIONS DATABASE FIRST ACTIVATION PER ORDER DISCONNECT manual	\$39.09	\$7.67	\$1.89	\$48.65
CCSAC OPTIONS DATABASE EA ADDL ACTIVATION PER ORDER INSTALL	\$15.96	\$3.13	\$0.77	\$19.87
CCSAC OPTIONS DATABASE EA ADDL ACTIVATION PER ORDER DISCONNECT	\$15.96	\$3.13	\$0.77	\$19.87

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Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

Summary of Results Commission Prescribed Costing & Pricing

otate. Washington	Total	State Cost/Price Factor 1	State Cost/Price Factor 2	Total Cost
Cost Element	Direct	.1962	.0405	or Price
ADDITIONAL ENGINEERING - BASIC (PER HALF HOUR)	\$25.27	\$4.96	\$1.22	\$31.46
ADDITIONAL ENGINEERING - OVERTIME (PER HALF HOUR)	\$31.26	\$6.13	\$1.51	\$38.91
ADDITIONAL LABOR INSTALLATION - OVERTIME (PER HALF HOUR)	\$7.18	\$1.41	\$0.35	\$8.94
ADDITIONAL LABOR INSTALLATION - PREMIUM (PER HALF HOUR)	\$14.37	\$2.82	\$0.70	\$17.89
ADDITIONAL LABOR OTHER - BASIC (PER HALF HOUR)	\$22.03	\$4.32	\$1.07	\$27.42
ADDITIONAL LABOR OTHER - OVERTIME (PER HALF HOUR)	\$29.42	\$5.77	\$1.43	\$36.62
ADDITIONAL LABOR OTHER - PREMIUM (PEER HALF HOUR)	\$36.83	\$7.23	\$1.78	\$45.84
TESTING AND MAINTENANCE - BASIC (PER HALF HOUR)	\$23.40	\$4.59	\$1.13	\$29.13
TESTING AND MAINTENANCE - OVERTIME (PER HALF HOUR)	\$31.26	\$6.13	\$1.51	\$38.91
TESTING AND MAINTENANCE - PREMIUM (PER HALF HOUR)	\$39.12	\$7.67	\$1.90	\$48.69
MAINTENANCE OF SERVICE - BASIC (PER HALF HOUR)	\$22.03	\$4.32	\$1.07	\$27.42
MAINTENANCE OF SERVICE - OVERTIME (PER HALF HOUR)	\$29.42	\$5.77	\$1.43	\$36.62
MAINTENANCE OF SERVICE - PREMIUM (PER HALF HOUR)	\$36.83	\$7.23	\$1.78	\$45.84
ADDITIONAL COOP ACCEPTANCE TESTING - BASIC (PER HALF HOUR)	\$23.40	\$4.59	\$1.13	\$29.13
ADDITIONAL COOP ACCEPTANCE TESTING - OVERTIME (PER HALF HOUR)	\$31.26	\$6.13	\$1.51	\$38.91
ADDITIONAL COOP ACCEPTANCE TESTING - PREMIUM (PER HALF HOUR)	\$39.12	\$7.67	\$1.90	\$48.69
NONSCHEDULED COOP TESTING - BASIC (PER HALF HOUR)	\$23.40	\$4.59	\$1.13	\$29.13
NONSHCEDULED COOP TESTING - OVERTIME (PER HALF HOUR)	\$31.26	\$6.13	\$1.51	\$38.91
NONSCHEDULED COOP TESTING - PREMIUM (PER HALF HOUR)	\$39.12	\$7.67	\$1.90	\$48.69
NONSCHEDULED MANUAL TESTING - BASIC (PER HALF HOUR)	\$23.40	\$4.59	\$1.13	\$29.13
NONSCHEDULED MANUAL TESTING - OVERTIME (PER HALF HOUR)	\$31.26	\$6.13	\$1.51	\$38.91
NONSCHEDULED MANUAL TESTING - PREMIUM (PER HALF HOUR)	\$39.12	\$7.67	\$1.90	\$48.69
COOPERATIVE SCHEDULED TESTING - LOSS (PER MONTH)	\$0.07	\$0.01	\$0.00	\$0.08
COOPERATIVE SCHEDULED TESTING - C-MESSAGE NOISE (PER MONTH)	\$0.07	\$0.01	\$0.00	\$0.08
COOPERATIVE SCHEDULED TESTING - BALANCE (PER MONTH)	\$0.26	\$0.05	\$0.01	\$0.33
COOPERATIVE SCHEDULED TESTING - GAIN SLOPE (PER MONTH)	\$0.07	\$0.01	\$0.00	\$0.08

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Product Group: Interconnection

Summary of Results Commission Prescribed Costing & Pricing

otate. Washington		State Cost/Price	State Cost/Price	
	Total	Factor 1	Factor 2	Total Cost
Cost Element	Direct	.1962	.0405	or Price
	#0.07	CO 04	ФО ОО	#0.00
COOPERATIVE SCHEDULED TESTING - C-NOTCHED NOISE (PER MONTH)	\$0.07	\$0.01	\$0.00	\$0.08
MANUAL SCHEDULED TESTING - LOSS (PER MONTH)	\$0.13	\$0.03	\$0.01	\$0.16
MANUAL SCHEDULED TESTING - C-MESSAGE NOISE (PER MONTH)	\$0.13	\$0.03	\$0.01	\$0.16
MANUAL SCHEDULED TESTING - BALANCE (PER MONTH)	\$0.53	\$0.10	\$0.03	\$0.66
MANUAL SCHEDULED TESTING - GAIN SLOPE (PER MONTH)	\$0.13	\$0.03	\$0.01	\$0.16
MANUAL SCHEDULED TESTING - C-NOTCHED NOISE (PER MONTH)	\$0.13	\$0.03	\$0.01	\$0.16
ADDITIONAL DISPATCH CHARGE mechanized	\$34.86	\$6.84	\$1.69	\$43.39
ADDITIONAL DISPATCH CHARGE manual	\$37.43	\$7.34	\$1.81	\$46.59
DATE CHANGE mechanized	\$5.14	\$1.01	\$0.25	\$6.40
DATE CHANGE manual	\$7.71	\$1.51	\$0.37	\$9.59
DESIGN CHANGE mecahnized	\$40.53	\$7.95	\$1.96	\$50.45
DESIGN CHANGE manual	\$43.10	\$8.46	\$2.09	\$53.65
UNE-P PBX DID TRUNKS EXISTING SERVICE mechanized	\$4.60	\$0.90	\$0.22	\$5.73
UNE-P PBX DID TRUNKS EXISTING SERVICE manual	\$13.82	\$2.71	\$0.67	\$17.20
UNE-P PBX DID TRUNKS EXISTING SERVICE EACH ADDL mechanized	\$2.40	\$0.47	\$0.12	\$2.99
UNE-P PBX DID TRUNKS EXISTING SERVICE EACH ADDL manual	\$2.40	\$0.47	\$0.12	\$2.99
UNE-P ISDN BRI EXISTING SERVICE FIRST mechanized	\$4.60	\$0.90	\$0.22	\$5.73
UNE-P ISDN BRI EXISTING SERVICE FIRST manual	\$14.84	\$2.91	\$0.72	\$18.48
UNE-P ISDN BRI EXISTING SERVICE EACH ADDL mechanized	\$2.40	\$0.47	\$0.12	\$2.99
UNE-P ISDN BRI EXISTING SERVICE EACH ADDL manual	\$2.40	\$0.47	\$0.12	\$2.99
UNE-P ISDN PRI, DSS Per DS1 Facility EXISTING SERVICE mechanized	\$4.60	\$0.90	\$0.22	\$5.73
UNE-P ISDN PRI, DSS Per DS1 Facility EXISTING SERVICE manual	\$13.30	\$2.61	\$0.64	\$16.56
UNE-P ISDN PRI, DSS Per BST Pacinty EXISTING SERVICE maintain	\$4.60	\$0.90	\$0.22	\$5.73
	\$13.82	\$2.71	\$0.67	\$17.20
UNE-P ISDN PRI, DSS Per First Trunk EXISTING SERVICE manual	\$2.40	\$0.47	\$0.07 \$0.12	\$2.99
UNE-P ISDN PRI, DSS Per Each Addl Trunk EXISTING SERVICE mechanized	φ2.40	φυ.47	φυ.12	φ2.99

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ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

Summary of Results Commission Prescribed Costing & Pricing

, and the second se		State Cost/Price	State Cost/Price	
	Total	Factor 1	Factor 2	Total Cost
Cost Element	Direct	.1962	.0405	or Price
000 2.00	2001	11002	10 100	0.11100
UNE-P ISDN PRI, DSS Per Each Addl Trunk EXISTING SERVICE manual	\$2.40	\$0.47	\$0.12	\$2.99
UNE-P POTS FIRST LINE MECHANIZED NEW SERVICE INSTALL	\$31.36	\$6.15	\$1.52	\$39.03
UNE-P POTS FIRST LINE MECHANIZED NEW SERVICE DISCONNECT	\$1.41	\$0.28	\$0.07	\$1.75
UNE-P POTS EA ADDL LINE MECHANIZED NEW SERVICE INSTALL	\$9.59	\$1.88	\$0.46	\$11.94
UNE-P POTS EA ADDL LINE MECHANIZED NEW SERVICE DISCONNECT	\$1.15	\$0.23	\$0.06	\$1.44
UNE-P POTS FIRST LINE MANUAL NEW SERVICE INSTALL	\$40.03	\$7.85	\$1.94	\$49.82
UNE-P POTS FIRST LINE MANUAL NEW SERVICE DISCONNECT	\$7.69	\$1.51	\$0.37	\$9.57
UNE-P POTS EA ADDL LINE MANUAL NEW SERVICE INSTALL	\$11.03	\$2.16	\$0.53	\$13.72
UNE-P POTS EA ADDL LINE MANUAL NEW SERVICE DISCONNECT	\$1.15	\$0.23	\$0.06	\$1.44
BONAFIDE REQUEST PROCESS FEE	\$1,339.48	\$262.81	\$64.89	\$1,667.18
UNE-COMBINATION LMC MULTIPLEXER DS1 TO DS0 INSTALL mechanized	\$68.41	\$13.42	\$3.31	\$85.15
UNE-COMBINATION LMC MULTIPLEXER DS1 TO DSO INSTALL manual	\$83.53	\$16.39	\$4.05	\$103.97
UNE-COMBINATION LMC MULTIPLEXER DS1 TO DSO DISCONNECT mechanized	\$18.17	\$3.56	\$0.88	\$22.61
UNE-COMBINATION LMC MULTIPLEXER DS1 TO DSO DISCONNECT manual	\$25.58	\$5.02	\$1.24	\$31.84
UNE-COMBINATION LMC MULTIPLEXER DS3 TO DS1 INSTALL mechanized	\$68.41	\$13.42	\$3.31	\$85.15
UNE-COMBINATION LMC MULTIPLEXER DS3 TO DS1 INSTALL manual	\$83.53	\$16.39	\$4.05	\$103.97
UNE-COMBINATION LMC MULTIPLEXER DS3 TO DS1 DISCONNECT mechanized	\$18.17	\$3.56	\$0.88	\$22.61
UNE-COMBINATION LMC MULTIPLEXER DS3 TO DS1 DISCONNECT manual	\$25.58	\$5.02	\$1.24	\$31.84
UNE-COMBINATION LMC-LOOP DS0 FIRST INSTALL mechanized	\$86.71	\$17.01	\$4.20	\$107.93
UNE-COMBINATION LMC-LOOP DS0 FIRST INSTALL manual	\$101.83	\$19.98	\$4.93	\$126.75
UNE-COMBINATION LMC-LOOP DS0 FIRST DISCONNECT mechanized	\$18.93	\$3.71	\$0.92	\$23.56
UNE-COMBINATION LMC-LOOP DS0 FIRST DISCONNECT manual	\$26.34	\$5.17	\$1.28	\$32.79
UNE-COMBINATION LMC-LOOP DS0 EACH ADDITIONAL INSTALL mechanized	\$69.66	\$13.67	\$3.37	\$86.70
UNE-COMBINATION LMC-LOOP DS0 EACH ADDITIONAL INSTALL manual	\$72.03	\$14.13	\$3.49	\$89.66

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Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

Summary of Results Commission Prescribed Costing & Pricing

State: Washington				
		State	State	
	Tatal	Cost/Price	Cost/Price	T-1-101
04514	Total	Factor 1	Factor 2	Total Cost
Cost Element	Direct	.1962	.0405	or Price
UNE-COMBINATION LMC-LOOP DS0 EACH ADDITIONAL DISCONNECT mechanized	\$10.49	\$2.06	\$0.51	\$13.06
UNE-COMBINATION LMC-LOOP DS0 EACH ADDITIONAL DISCONNECT manual	\$11.74	\$2.30	\$0.57	\$14.61
UNE-COMBINATION LMC-LOOP DS1 FIRST INSTALL mechanized	\$123.87	\$24.30	\$6.00	\$154.17
UNE-COMBINATION LMC-LOOP DS1 FIRST INSTALL manual	\$138.99	\$27.27	\$6.73	\$172.99
UNE-COMBINATION LING-LOOP DS1 FIRST DISCONNECT mechanized	\$18.17	\$3.56	\$0.88	\$22.61
UNE-COMBINATION LING-LOOP DS1 FIRST DISCONNECT manual	\$25.58	\$5.02	\$1.24	\$31.84
UNE-COMBINATION LMC-LOOP DS1 FIRST DISCONNECT Mailual UNE-COMBINATION LMC-LOOP DS1 EACH ADDITIONAL INSTALL mechanized	\$106.81	\$20.96	\$5.17	\$132.94
UNE-COMBINATION LMC-LOOP DS1 EACH ADDITIONAL INSTALL Medianized UNE-COMBINATION LMC-LOOP DS1 EACH ADDITIONAL INSTALL manual	\$109.19	\$21.42	\$5.29	\$135.90
UNE-COMBINATION LMC-LOOP DS1 EACH ADDITIONAL INSTALL manual UNE-COMBINATION LMC-LOOP DS1 EACH ADDITIONAL DISCONNECT mechanized	\$9.73	\$1.91	\$0.47	\$12.11
	\$10.98	\$2.15	\$0.53	\$13.66
UNE-COMBINATION LMC-LOOP DS1 EACH ADDITIONAL DISCONNECT manual	φ10.90	Ψ2.13	ψ0.55	φ13.00
NEW UNE-P DEDICATED PRI 23B+D SERVICE CONFIGURATION INSTALL	\$247.58	\$48.58	\$11.99	\$308.15
NEW UNE-P DEDICATED PRI 23B+D SERVICE CONFIGURATION DISCONNECT	\$135.20	\$26.53	\$6.55	\$168.28
NEW UNE-P DEDICATED PRI 24B SERVICE CONFIGURATION INSTALL	\$227.95	\$44.72	\$11.04	\$283.71
NEW UNE-P DEDICATED PRI 24B SERVICE CONFIGURATION DISCONNECT	\$141.75	\$27.81	\$6.87	\$176.43
NEW UNE-P DED PRI - 23B+BACK UP D CONFIGURATION - 5E INSTALL	\$227.84	\$44.70	\$11.04	\$283.58
NEW UNE-P DED PRI - 23B+BACK UP D CONFIGURATION - 5E DISCONNECT	\$141.32	\$27.73	\$6.85	\$175.90
NEW UNE-P DSS BASIC TRUNKS - IN-ONLY TRUNK INSTALL - MECHANIZED	\$16.51	\$3.24	\$0.80	\$20.55
NEW UNE-P DSS BASIC TRUNKS - IN-ONLY TRUNK INSTALL - MANUAL	\$30.71	\$6.03	\$1.49	\$38.22
NEW UNE-P DSS BASIC TRUNKS - IN-ONLY TRUNK DISCONNECT - MECHANIZED	\$6.26	\$1.23	\$0.30	\$7.80
NEW UNE-P DSS BASIC TRUNKS - IN-ONLY TRUNK DISCONNECT - MANUAL	\$13.42	\$2.63	\$0.65	\$16.71
NEW UNE-P BASIC TRUNKS - OUT-ONLY TRUNK INSTALL - MECHANIZED	\$16.51	\$3.24	\$0.80	\$20.55
NEW UNE-P BASIC TRUNKS - OUT-ONLY TRUNK INSTALL - MANUAL	\$30.71	\$6.03	\$1.49	\$38.22
NEW UNE-P BASIC TRUNKS - OUT-ONLY TRUNK DISCONNECT - MECHANIZED	\$6.26	\$1.23	\$0.30	\$7.80
NEW UNE-P BASIC TRUNKS - OUT-ONLY TRUNK DISCONNECT - MANUAL	\$13.42	\$2.63	\$0.65	\$16.71
NEW UNE-P BASIC TRUNKS - TWO-WAY TRUNK INSTALL - MECHANIZED	\$16.51	\$3.24	\$0.80	\$20.55

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Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

Summary of Results Commission Prescribed Costing & Pricing

		State	State	
	Total	Cost/Price Factor 1	Cost/Price Factor 2	Total Cost
Cost Element	Direct	.1962	.0405	or Price
OUST Element	Direct	.1302	.0403	or rice
NEW UNE-P BASIC TRUNKS - TWO-WAY TRUNK INSTALL - MANUAL	\$30.71	\$6.03	\$1.49	\$38.22
NEW UNE-P BASIC TRUNKS - TWO-WAY TRUNK DISCONNECT - MECHANIZED	\$6.26	\$1.23	\$0.30	\$7.80
NEW UNE-P BASIC TRUNKS - TWO-WAY TRUNK DISCONNECT - MANUAL	\$13.42	\$2.63	\$0.65	\$16.71
NEW UNE-P DSS ADVANCED TRUNK - IN-ONLY WITH DID AND HUNTING INSTALL - MECHANIZED	\$16.50	\$3.24	\$0.80	\$20.54
NEW UNE-P DSS ADVANCED TRUNK - IN-ONLY WITH DID AND HUNTING INSTALL - MANUAL	\$30.70	\$6.02	\$1.49	\$38.21
NEW UNE-P DSS ADVANCED TRUNK - IN-ONLY WITH DID AND HUNTING DISCONNECT - MECH	\$5.82	\$1.14	\$0.28	\$7.25
NEW UNE-P DSS ADVANCED TRUNK - IN-ONLY WITH DID AND HUNTING DISCONNECT - MANUAL	\$12.98	\$2.55	\$0.63	\$16.15
NEW UNE-P ADVANCED TRUNKS - OUT-ONLY TRUNK WITH ANS SUPV INSTALL -MECHANIZED	\$16.75	\$3.29	\$0.81	\$20.84
NEW UNE-P ADVANCED TRUNKS - OUT-ONLY TRUNK WITH ANS SUPV INSTALL -MANUAL	\$30.94	\$6.07	\$1.50	\$38.51
NEW UNE-P ADVANCED TRUNKS - OUT-ONLY TRUNK WITH ANS SUPV DISCONNECT - MECH	\$6.26	\$1.23	\$0.30	\$7.80
NEW UNE-P ADVANCED TRUNKS - OUT-ONLY TRUNK WITH ANS SUPV DISCONNECT - MANUAL	\$13.42	\$2.63	\$0.65	\$16.71
NEW UNE-P ADVANCED TRKS - TWO-WAY TRK W/DID, HUNTING & ANS SUPV INSTALL - MECH	\$16.50	\$3.24	\$0.80	\$20.54
NEW UNE-P ADVANCED TRKS - TWO-WAY TRK W/DID, HUNTING & ANS SUPV INSTALL - MANUAL	\$30.70	\$6.02	\$1.49	\$38.21
NEW UNE-P ADV TRUNKS - TWO-WAY TRK W/DID, HUNTING & ANS SUPV DISCONNECT - MECH	\$5.82	\$1.14	\$0.28	\$7.25
NEW UNE-P ADV TRUNKS - TWO-WAY TRK W/DID, HUNTING & ANS SUPV DISCONNECT - MANUAL	\$12.98	\$2.55	\$0.63	\$16.15
NEW UNE-P COMPLEX TRANSLATIONS DIGITS OUTPULSED CHANGE SIGNALING	\$7.98	\$1.57	\$0.39	\$9.93
NEW UNE-P DID COMPLEX TRANSLATIONS SIGNALING CHANGE	\$18.62	\$3.65	\$0.90	\$23.18
NEW UNE-P DID BLOCK COMPROMISE - MECHANIZED	\$7.40	\$1.45	\$0.36	\$9.21
NEW UNE-P DID BLOCK COMPROMISE - MANUAL	\$14.05	\$2.76	\$0.68	\$17.49
NEW UNE-P DID GROUP OF 20 NUMBERS INSTALL - MECHANIZED	\$5.42	\$1.06	\$0.26	\$6.75
NEW UNE-P DID GROUP OF 20 NUMBERS INSTALL - MANUAL	\$12.08	\$2.37	\$0.59	\$15.03
NEW UNE-P DID GROUP OF 20 NUMBERS DISCONNECT - MECHANIZED	\$4.49	\$0.88	\$0.22	\$5.59
NEW UNE-P DID GROUP OF 20 NUMBERS DISCONNECT - MANUAL	\$6.62	\$1.30	\$0.32	\$8.24
NEW UNE-P DID RESERVE SEQUENTIAL # BLOCK - MECHANIZED	\$7.31	\$1.44	\$0.35	\$9.10
NEW UNE-P DID RESERVE SEQUENTIAL # BLOCK - MANUAL	\$13.97	\$2.74	\$0.68	\$17.39
NEW UNE-P DID RESERVE NONSEQUENTIAL TN - MECHANIZED	\$6.39	\$1.25	\$0.31	\$7.95

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RC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

Summary of Results Commission Prescribed Costing & Pricing

otate. Washington		State Cost/Price	State Cost/Price	
	Total	Factor 1	Factor 2	Total Cost
Cost Element	Direct	.1962	.0405	or Price
	*	** - •		4.0.00
NEW UNE-P DID RESERVE NONSEQUENTIAL TN - MANUAL	\$13.04	\$2.56	\$0.63	\$16.23
NEW UNE-P DID TRUNK TERMINATIONS INSTALL - MECHANIZED	\$6.46	\$1.27	\$0.31	\$8.04
NEW UNE-P DID TRUNK TERMINATIONS INSTALL - MANUAL	\$13.12	\$2.57	\$0.64	\$16.33
NEW UNE-P DID TRUNK TERMINATIONS DISCONNECT - MECHANIZED	\$13.28	\$2.61	\$0.64	\$16.53
NEW UNE-P DID TRUNK TERMINATIONS DISCONNECT - MANUAL	\$19.94	\$3.91	\$0.97	\$24.82
NEW UNE-P DID NONSEQUENTIAL TELEPHONE NUMBERS INSTALL - MECHANIZED	\$6.39	\$1.25	\$0.31	\$7.95
NEW UNE-P DID NONSEQUENTIAL TELEPHONE NUMBERS INSTALL - MANUAL	\$13.04	\$2.56	\$0.63	\$16.23
NEW UNE-P DID NONSEQUENTIAL TELEPHONE NUMBERS DISCONNECT - MECHANIZED	\$4.45	\$0.87	\$0.22	\$5.53
NEW UNE-P DID NONSEQUENTIAL TELEPHONE NUMBERS DISCONNECT - MANUAL	\$6.58	\$1.29	\$0.32	\$8.19
NEW UNE- P COMPLEX TRANS FOR TRUNKSIDE TERMINATION	\$86.44	\$16.96	\$4.19	\$107.58
NEW UNE-P 2B+D BRI ISDN INSTALL - MECHANIZED	\$112.59	\$22.09	\$5.45	\$140.13
NEW UNE-P 2B+D BRI ISDN INSTALL - MANUAL	\$126.28	\$24.78	\$6.12	\$157.17
NEW UNE-P 2B+D BRI ISDN DISCONNECT - MECHANIZED	\$36.15	\$7.09	\$1.75	\$44.99
NEW UNE-P 2B+D BRI ISDN DISCONNECT - MANUAL	\$43.31	\$8.50	\$2.10	\$53.90
CUSTOM ROUTING- OPERATOR, DA DEVELOPMENT PER LCC	\$175.52	\$34.44	\$8.50	\$218.46
CUSTOM ROUTING- OPERATOR, DA INSTALLATION PER SWITCH	\$128.57	\$25.23	\$6.23	\$160.02
PLANNER VERIFICATION Per Manhole	\$8.89	\$1.74	\$0.43	\$11.07
MANHOLE VERIFICATION INSPECTOR Per Manhole	\$59.80	\$11.73	\$2.90	\$74.43
MANHOLE MAKE-READY INSPECTOR Per Manhole	\$159.47	\$31.29	\$7.73	\$198.48
RIGHT-OF-WAY INQUIRY PER INQUIRY	\$268.87	\$52.75	\$13.03	\$334.65
RIGHT-OF-WAY DOCUMENT PREPARATION	\$79.73	\$15.64	\$3.86	\$99.24
UPS CUSTOMER CHANNEL AND SHARED DISTRIBUTION LOOP INSTALL - MECHANIZED	\$30.83	\$6.05	\$1.49	\$38.38
UPS CUSTOMER CHANNEL AND SHARED DISTRIBUTION LOOP INSTALL - MANUAL	\$50.06	\$9.82	\$2.43	\$62.30

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Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

Summary of Results Commission Prescribed Costing & Pricing

Cost Element	Total Direct	State Cost/Price Factor 1 .1962	State Cost/Price Factor 2 .0405	Total Cost or Price
UPS CUSTOMER CHANNEL AND SHARED DISTRIBUTION LOOP DISCONNECT - MECHANIZED	\$5.73	\$1.13	\$0.28	\$7.14
UPS CUSTOMER CHANNEL AND SHARED DISTRIBUTION LOOP DISCONNECT - MECHANIZED UPS CUSTOMER CHANNEL AND SHARED DISTRIBUTION LOOP DISCONNECT - MANUAL	\$15.41	\$3.02	\$0.75	\$19.17
UPS CUSTOMER CHANNEL AND UNBUNDLED DISTRIBUTION SUBLOOP INSTALL- MECHANIZED	\$36.04	\$7.07	\$1.75	\$44.86
UPS CUSTOMER CHANNEL AND UNBUNDLED DISTRIBUTION SUBLOOP INSTALL- MANUAL	\$55.26	\$10.84	\$2.68	\$68.78
UPS CUSTOMER CHANNEL AND UNBUNDLED DISTRIBUTION SUBLOOP DISCONNECT- MECHANIZED	\$5.73	\$1.13	\$0.28	\$7.14
UPS CUSTOMER CHANNEL AND UNBUNDLED DISTRIBUTION SUBLOOP DISCONNECT- MANUAL	\$15.41	\$3.02	\$0.75	\$19.17
UPS CUSTOMER CHANNEL AND CLEC PROVIDED LOOP INSTALL- MECHANIZED	\$30.83	\$6.05	\$1.49	\$38.38
UPS CUSTOMER CHANNEL AND CLEC PROVIDED LOOP INSTALL- MANUAL	\$50.06	\$9.82	\$2.43	\$62.30
UPS CUSTOMER CHANNEL AND CLEC PROVIDED LOOP DISCONNECT- MECHANIZED	\$5.73	\$1.13	\$0.28	\$7.14
UPS CUSTOMER CHANNEL AND CLEC PROVIDED LOOP DISCONNECT- MANUAL	\$15.41	\$3.02	\$0.75	\$19.17
UPS DS1/DS3 ATM SWITCH INTERFACE PORT INSTALL - MECHANIZED	\$72.23	\$14.17	\$3.50	\$89.90
UPS DS1/DS3 ATM SWITCH INTERFACE PORT INSTALL - MANUAL	\$94.55	\$18.55	\$4.58	\$117.68
UPS DS1/DS3 ATM SWITCH INTERFACE PORT DISCONNECT - MECHANIZED	\$22.23	\$4.36	\$1.08	\$27.67
UPS DS1/DS3 ATM SWITCH INTERFACE PORT DISCONNECT - MANUAL	\$29.13	\$5.72	\$1.41	\$36.26

Qwest Advice No. 3376T Page 14 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

Work tom	Minutes	F10D	#2	#2	F10D	/Minutes)	/Laur	Cont
Work Item		#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	C	D	E	F	G F (O.T. F)	н	I (0 (00)
						B * (C Thru F)		H * (G/60)
CUSTOMER TRANSFER CHARGE POTS FIRST MECHANIZED								
ADD*								
NTERCONNECT SERVICE CENTER								
Prob 1 (.05) is percent orders that fall out.	_	0.050				2.25	000.40	00.4
Screen and route to order writer.	5	0.050				0.25	\$39.16	\$0.1
Type change of Service Provider - 1st line	10	0.050				0.50	\$39.16	\$0.33
SYSTEMS COSTS FOR RESALE								\$3.76
ubtotal - INTERCONNECT SERVICE CENTER						0.75		\$4.25
otal For Service:						0.75		\$4.25

Qwest Advice No. 3376T Page 15 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G	Н	[
						B * (C Thru F)		H * (G/60)

CUSTOMER TRANSFER CHARGE POTS FIRST MECHANIZED (con't)

B C D Directly Assigned S2 Directly Assigned D53*E47 0.040393 C3 Product Management Expense D54*E47 0.040393 C3 Asles Expense D54*E47 0.04090 C3 Product Advertising Expense D55*E47 0.000000 C3 Product Advertising Expense D56*Sum(E47:E55) 0.042595 C3 Product Assigned Costs Sum(E47:E56) C3 Product Assigned Costs Sum(E47:E56) C3 Product Assigned Costs S47+E57 C3 Product Assigned Costs C47+E57 C3 Pro	\$4.25
Calculation Factor Facto	
B C D Directly Assigned S2 Product Management Expense D53*E47 0.040393 S4 Sales Expense D54*E47 0.014960 S5 Product Advertising Expense D55*E47 0.000000 S5 Product Advertising Expense D55*E47 0.000000 S5 Product Advertising Expense D55*Sum(E47:E55) 0.042595 D55*Sum(E47:E55) 0.042595 D55*Sum(E47:E55) 0.042595 D55*Sum(E47:E55) D55*Sum(E47:E45) D55*Sum(E47:E45) D55*Sum(E47:E45) D55*Sum(E47:E45) D55*Sum(E47:E45) D	
Signature Sign	Cost
53 Product Management Expense D53*E47 0.040393 54 Sales Expense D54*E47 0.014960 55 Product Advertising Expense D55*E47 0.00000 56 Business Fees (Other Operating Taxes) D56*Sum(E47:E55) 0.042595 57 Directly Assigned Costs Sum(E47:E56) Sum(E47:E55) 58 Sum(E47:E56) Sum(E47:E56) 60 E47+E57 Sum(E47:E56) Sum(E47:E56) 61 Directly Attributed B62*E59 0.056129 0.056129 0.057904 0.057904 0.057904 0.057904 0.057904 0.057904 0.057904 0.057904 0.057904 0.057904 0.057904 0.057904 0.057904 0.007904 0.007904 0.007904 0.007904 0.007904	E
54 Sales Expense D54*E47 0.014960 55 Product Advertising Expense D55*E47 0.000000 66 Business Fees (Other Operating Taxes) D56*Sum(E47:E55) 0.042595 57 Directly Assigned Costs Sum(E47:E56) 58 Sum(E47:E56) 60 E47+E57 60 E47+E57 61 Directly Attributed E2*E59 0.056129 62 Network Operations D62*E59 0.056129 63 Network Support Assets D63*E59 0.014074 64 General Support Assets D64*E59 0.057904 65 General Purpose Computers D65*E59 0.040926 66 Uncollectible D66*E59 0.00136 67 Accounting & Finance Expense D66*E59 0.010471 68 Human Resources Expense D68*E59 0.00880 69 Information Management Expense D69*E59 0.068149 71 Directly Attributed Costs Sum(E62:E70) 72 Tax Tax 73 TELRIC E62+E71 74 Tommon Tommon Tommon 76 Executive Expense D76*E73 0.000682 <td< td=""><td></td></td<>	
55 Product Advertising Expense D55*E47 0.000000 56 Business Fees (Other Operating Taxes) D56*Sum(E47:E55) 0.0042595 57 Directly Assigned Costs Sum(E47:E56) 58 Sum(E47:E56) Sum(E47:E56) 60 E47+E57 Common 61 Directly Attributed B62*E59 0.056129 62 Network Operations D62*E59 0.056129 63 Network Support Assets D63*E59 0.014074 64 General Support Assets D64*E59 0.057904 65 General Purpose Computers D65*E59 0.040926 66 Uncollectible D66*E59 0.001136 67 Accounting & Finance Expense D67*E59 0.001471 68 Human Resources Expense D68*E59 0.00881 69 Information Management Expense D68*E59 0.088149 70 Intangibles D70*E59 0.008634 71 [Directly Attributed Costs Sum(E62:E70) 72 73 TELRIC E62+E71 74 Common 76 Executive Expense D76*E73 0.008052 77 Planning Expense D77*E73 0.000682	\$0.17
D56*Sum(E47:E55) 0.042595	\$0.06
57 Directly Assigned Costs Sum(E47:E56)	\$0.00
59 Total Direct Costs	\$0.19
59 Total Direct Costs	\$0.43
60 61 Directly Attributed 62 Network Operations 63 Network Support Assets 63 Network Support Assets 64 General Support Assets 65 General Purpose Computers 66 Uncollectible 67 Accounting & Finance Expense 68 Human Resources Expense 69 Information Management Expense 69 Information Management Expense 70 Intangibles 71 Directly Attributed Costs 72 73 TELRIC 74 75 Common 76 Executive Expense 78 External Relations Expense 78 External Relations Expense 78 External Relations Expense 79 O.009631 78 External Relations Expense 70 O.009631	
61 Directly Attributed 62 Network Operations 63 Network Support Assets 64 General Support Assets 65 General Support Assets 66 General Purpose Computers 66 Uncollectible 67 Accounting & Finance Expense 69 Information Management Expense 69 Information Management Expense 69 Information Management Expense 70 Intangibles 71 Directly Attributed Costs 72 73 TELRIC 74 75 Common 76 Executive Expense 76 Executive Expense 77 Planning Expense 78 External Relations Expense 79 Intangist Support 79 Intangist Support 70 Intangist Support 70 Intangist Support 71 Directly Attributed Costs 72 73 TELRIC 74 75 Common 76 Executive Expense 77 Planning Expense 78 External Relations Expense 78 External Relations Expense 79 Intangist Support 70 Intangist Support 70 Intangist Support 71 Support 72 Support 74 75 Common 76 Executive Expense 77 Planning Expense 78 External Relations Expense 79 Intangist Support 70 Intangist Support 70 Intangist Support 71 Support 72 Support 73 Telerit Support 74 Support 75 Common 76 Executive Expense 77 Planning Expense 78 External Relations Expense	\$4.68
62 Network Operations D62*E59 0.056129 63 Network Support Assets D63*E59 0.014074 64 General Support Assets D64*E59 0.057904 65 General Purpose Computers D65*E59 0.040926 66 Uncollectible D66*E59 0.001136 67 Accounting & Finance Expense D67*E59 0.010471 68 Human Resources Expense D68*E59 0.09808 69 Information Management Expense D69*E59 0.068149 70 Intangibles D70*E59 0.002634 71 Directly Attributed Costs Sum(E62:E70) 72 TELRIC E62+E71 74 E62+E71 75 Common T6 Executive Expense D76*E73 0.008052 77 Planning Expense D77*E73 0.000682 78 External Relations Expense D78*E73 0.009631	
63 Network Support Assets D63*E59 0.014074 64 General Support Assets D64*E59 0.057904 65 General Purpose Computers D65*E59 0.040926 66 Uncollectible D66*E59 0.01136 67 Accounting & Finance Expense D67*E59 0.010471 68 Human Resources Expense D68*E59 0.09808 69 Information Management Expense D69*E59 0.068149 70 Intangibles D70*E59 0.002634 71 Directly Attributed Costs Sum(E62:E70) 72 Sum(E62:E70) 72 E62+E71 74 E62+E71 75 Common T6 Executive Expense D76*E73 0.008052 77 Planning Expense D77*E73 0.000682 78 External Relations Expense D78*E73 0.009631	
64 General Support Assets D64*E59 0.057904 65 General Purpose Computers D65*E59 0.040926 66 Uncollectible D66*E59 0.001136 67 Accounting & Finance Expense D67*E59 0.010471 68 Human Resources Expense D68*E59 0.009808 69 Information Management Expense D69*E59 0.068149 70 Intangibles D70*E59 0.002634 71 Directly Attributed Costs Sum(E62:E70) 72 T2 73 TELRIC E62+E71 74 T5 Common 76 Executive Expense D76*E73 0.008052 77 Planning Expense D77*E73 0.000682 78 External Relations Expense D78*E73 0.009631	\$0.26
65 General Purpose Computers D65*E59 0.040926 66 Uncollectible D66*E59 0.001136 67 Accounting & Finance Expense D67*E59 0.010471 68 Human Resources Expense D68*E59 0.009808 69 Information Management Expense D69*E59 0.068149 70 Intangibles D70*E59 0.002634 71 Directly Attributed Costs Sum(E62:E70) 72 E62+E71 74 T 75 Common T6 Executive Expense D76*E73 0.008052 77 Planning Expense D77*E73 0.000682 78 External Relations Expense D78*E73 0.009631	\$0.07
66 Uncollectible D66*E59 0.001136 67 Accounting & Finance Expense D67*E59 0.010471 68 Human Resources Expense D68*E59 0.009808 69 Information Management Expense D69*E59 0.068149 70 Intangibles D70*E59 0.002634 71 Directly Attributed Costs Sum(E62:E70) 72 T2 73 TELRIC E62+E71 74 75 Common 76 Executive Expense D76*E73 0.008052 77 Planning Expense D77*E73 0.000682 78 External Relations Expense D78*E73 0.009631	\$0.27
67 Accounting & Finance Expense D67*E59 0.010471 68 Human Resources Expense D68*E59 0.009808 69 Information Management Expense D69*E59 0.068149 70 Intangibles D70*E59 0.002634 71 Directly Attributed Costs Sum(E62:E70) 72 T2 73 TELRIC E62+E71 74 T5 Common 76 Executive Expense D76*E73 0.008052 77 Planning Expense D77*E73 0.000682 78 External Relations Expense D78*E73 0.009631	\$0.19
68 Human Resources Expense D68*E59 0.009808 69 Information Management Expense D69*E59 0.068149 70 Intangibles D70*E59 0.002634 71 Directly Attributed Costs Sum(E62:E70) 72 February 73 TELRIC E62+E71 74 75 Common 76 Executive Expense D76*E73 0.008052 77 Planning Expense D77*E73 0.000682 78 External Relations Expense D78*E73 0.009631	\$0.01
69 Information Management Expense D69*E59 0.068149 70 Intangibles D70*E59 0.002634 71 Directly Attributed Costs Sum(E62:E70) 72 F62+E71 74 F7 75 Common F6 Executive Expense D76*E73 0.008052 77 Planning Expense D77*E73 0.000682 78 External Relations Expense D78*E73 0.009631	\$0.05
70 Intangibles D70*E59 0.002634 71 Directly Attributed Costs Sum(E62:E70) 72 73 TELRIC E62+E71 74 75 Common 76 Executive Expense D76*E73 0.008052 77 Planning Expense D77*E73 0.000682 78 External Relations Expense D78*E73 0.009631	\$0.05
71 Directly Attributed Costs 72 73 TELRIC 74 75 Common 76 Executive Expense 77 Planning Expense 78 External Relations Expense 78 External Relations Expense 79 Directly Attributed Costs Sum(E62:E70) E62+E71 0.00852 0.00852 0.009631	\$0.32
72 73 TELRIC E62+E71 74 75 Common 76 Executive Expense D76*E73 0.008052 77 Planning Expense D77*E73 0.000682 78 External Relations Expense D78*E73 0.009631	\$0.01
73 TELRIC E62+E71 74 75 Common 76 Executive Expense D76*E73 0.008052 77 Planning Expense D77*E73 0.000682 78 External Relations Expense D78*E73 0.009631	\$1.22
74 75	
75 Common 76 Executive Expense 77 Planning Expense 78 External Relations Expense 78 External Relations Expense 79 Daning Expense 70 D78*E73 70 D09631	\$5.90
76 Executive Expense D76*E73 0.008052 77 Planning Expense D77*E73 0.000682 78 External Relations Expense D78*E73 0.009631	
77 Planning Expense D77*E73 0.000682 78 External Relations Expense D78*E73 0.009631	
78 External Relations Expense D78*E73 0.009631	\$0.05
	\$0.00
	\$0.06
79 Legal Expense D79*E73 0.007338	\$0.04
80 Other Procurement Expense D80*E73 0.002772	\$0.02
81 Research & Development Expense D81*E73 0.000042	\$0.00
82 Other General and Admin Expense D82*E73 0.019104	\$0.11
83 Common Costs Sum(E76:E82)	\$0.28
84	
85 TELRIC + Common Costs E73+E83	\$6.18

Qwest Advice No. 3376T Page 16 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

Work Item	I ime Minutes	Prob #1	Рго <i>р</i> #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	В	С	D	E	F	G B * (C Thru F)	Н	I H * (G/60)
CUSTOMER TRANSFER CHARGE POTS EA ADDL MECHANIZED								
<u>*ADD*</u>								
-INTERCONNECT SERVICE CENTER Prob 1 (.05) is percent orders that fall out. Type change of Service Provider - additional line SYSTEMS COSTS FOR RESALE	3	0.050				0.15	\$39.16	\$0.10 \$3.76
Subtotal - INTERCONNECT SERVICE CENTER						0.15		\$3.86
Total For Service:						0.15		\$3.86

Qwest Advice No. 3376T Page 17 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G	Н	[
						B * (C Thru F)		H * (G/60)

CUSTOMER TRANSFER CHARGE POTS EA ADDL MECHANIZED (con't)

137 Direct Cost			\$3.86
138			
139	Cost	Cost	
140	Calculation	Factor	Cost
141	ВС	D	Е
142 Directly Assigned	<u> </u>		
143 Product Management Expense	D143*E137	0.040393	\$0.16
144 Sales Expense	D144*E137	0.014960	\$0.06
145 Product Advertising Expense	D145*E137	0.000000	\$0.00
146 Business Fees (Other Operating Taxes)	D146*Sum(E137:E145)	0.042595	\$0.17
147 Directly Assigned Costs	Sum(E137:E146)		\$0.39
148	· · · · · · · · · · · · · · · · · · ·		
149 Total Direct Costs	E137+E147		\$4.24
150			
151 Directly Attributed			
152 Network Operations	D152*E149	0.056129	\$0.24
153 Network Support Assets	D153*E149	0.014074	\$0.06
154 General Support Assets	D154*E149	0.057904	\$0.25
155 General Purpose Computers	D155*E149	0.040926	\$0.17
156 Uncollectible	D156*E149	0.001136	\$0.00
157 Accounting & Finance Expense	D157*E149	0.010471	\$0.04
158 Human Resources Expense	D158*E149	0.009808	\$0.04
159 Information Management Expense	D159*E149	0.068149	\$0.29
160 Intangibles	D160*E149	0.002634	\$0.01
161 Directly Attributed Costs	Sum(E152:E160)		\$1.11
162	E450 E404		AF 05
163 TELRIC 164	E152+E161		\$5.35
165 <i>Common</i>			
166 Executive Expense	D166*E163	0.008052	\$0.04
167 Planning Expense	D167*E163	0.000682	\$0.00
168 External Relations Expense	D168*E163	0.000631	\$0.05
169 Legal Expense	D169*E163	0.009031	\$0.04
170 Other Procurement Expense	D170*E163	0.007338	\$0.04
171 Research & Development Expense	D171*E163	0.002772	\$0.00
172 Other General and Admin Expense	D172*E163	0.019104	\$0.10
173 Common Costs	Sum(E166:E172)	2.010104	\$0.25
174	Jun(2100.2172)		Ψ0.20
175 TELRIC + Common Costs	E163+E173		\$5.61

Qwest Advice No. 3376T Page 18 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G B * (C Thru F)	Н	I H * (G/60)
CUSTOMER TRANSFER CHARGE POTS FIRST MANUAL								
<u>*ADD*</u>								
-INTERCONNECT SERVICE CENTER								
Receive request and send CSR (Customer Service Record)	3	1.000				3.00	\$39.16	\$1.96
Receive and screen LSR (Loop Service Request) Type change of Service Provider - 1st line	10	1.000				5.00	\$39.16	\$3.26
SYSTEMS COSTS FOR RESALE	10	1.000				10.00	\$39.16	\$6.53 \$3.76
Subtotal - INTERCONNECT SERVICE CENTER						18.00		\$15.51
Total For Service:						18.00		\$15.51

Qwest Advice No. 3376T Page 19 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G	Н	
						B * (C Thru F)		H * (G/60)

CUSTOMER TRANSFER CHARGE POTS FIRST MANUAL (con't)

229	Cost	Cost	
230	Calculation	Factor	Cost
231	B C	D	E
232 Directly Assigned			
233 Product Management Expense	D233*E227	0.040393	\$0.6
234 Sales Expense	D234*E227	0.014960	\$0.2
235 Product Advertising Expense	D235*E227	0.000000	\$0.0
236 Business Fees (Other Operating Taxes)	D236*Sum(E227:E235)	0.042595	\$0.7
237 Directly Assigned Costs	Sum(E227:E236)	0.0.2	\$1.5
238			
239 Total Direct Costs	E227+E237		\$17.0
240			
241 Directly Attributed			
242 Network Operations	D242*E239	0.056129	\$0.9
243 Network Support Assets	D243*E239	0.014074	\$0.2
244 General Support Assets	D244*E239	0.057904	\$0.9
245 General Purpose Computers	D245*E239	0.040926	\$0.7
246 Uncollectible	D246*E239	0.001136	\$0.0
247 Accounting & Finance Expense	D247*E239	0.010471	\$0.1
248 Human Resources Expense	D248*E239	0.009808	\$0.1
249 Information Management Expense	D249*E239	0.068149	\$1.1
250 Intangibles	D250*E239	0.002634	\$0.0
251 Directly Attributed Costs	Sum(E242:E250)		\$4.4
252			004 =
253 TELRIC 254	E242+E251		\$21.5
255 Common			
256 Executive Expense	D256*E253	0.008052	\$0.1
257 Planning Expense	D257*E253	0.000682	\$0.0
258 External Relations Expense	D258*E253	0.009631	\$0.2
259 Legal Expense	D259*E253	0.007338	\$0.2
260 Other Procurement Expense	D260*E253	0.002772	\$0.0
261 Research & Development Expense	D261*E253	0.000042	\$0.0
262 Other General and Admin Expense	D262*E253	0.019104	\$0.4
263 Common Costs	Sum(E256:E262)		\$1.0
264			
265 TELRIC + Common Costs	E253+E263		\$22.5

Qwest Advice No. 3376T Page 20 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A Study Year: 2001

Analyst: Deffley/Eoriatti

Product Group: Interconnection

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	В	С	D	Е	F	G B * (C Thru F)	Н	I H * (G/60)
CUSTOMER TRANSFER CHARGE POTS EA ADDL MANUAL								
ADD								
-INTERCONNECT SERVICE CENTER Type change of Service Provider - additional line SYSTEMS COSTS FOR RESALE	3	1.000				3.00	\$39.16	\$1.96 \$3.76
Subtotal - INTERCONNECT SERVICE CENTER						3.00		\$5.72
Total For Service:						3.00		\$5.72

Qwest Advice No. 3376T Page 21 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	
						B * (C Thru F)		H * (G/60)

CUSTOMER TRANSFER CHARGE POTS EA ADDL MANUAL (con't)

317 Direct Cost			\$5.72
318			
319	Cost	Cost	
320	Calculation	Factor	Cost
321	ВС	D	Е
322 Directly Assigned	<u>- </u>		
323 Product Management Expense	D323*E317	0.040393	\$0.23
324 Sales Expense	D324*E317	0.014960	\$0.0
325 Product Advertising Expense	D325*E317	0.000000	\$0.0
326 Business Fees (Other Operating Taxes)	D326*Sum(E317:E325)	0.042595	\$0.2
327 Directly Assigned Costs	Sum(E317:E326)		\$0.5
328			
329 Total Direct Costs	E317+E327		\$6.2
330			
331 Directly Attributed			
332 Network Operations	D332*E329	0.056129	\$0.3
333 Network Support Assets	D333*E329	0.014074	\$0.0
334 General Support Assets	D334*E329	0.057904	\$0.3
335 General Purpose Computers	D335*E329	0.040926	\$0.2
336 Uncollectible	D336*E329	0.001136	\$0.0
337 Accounting & Finance Expense	D337*E329	0.010471	\$0.0
338 Human Resources Expense	D338*E329	0.009808	\$0.0
339 Information Management Expense	D339*E329	0.068149	\$0.4
340 Intangibles	D340*E329	0.002634	\$0.0
341 Directly Attributed Costs	Sum(E332:E340)		\$1.6
342 343 TELRIC	E332+E341		\$7.9
344			
345 Common			
346 Executive Expense	D346*E343	0.008052	\$0.0
347 Planning Expense	D347*E343	0.000682	\$0.0
348 External Relations Expense	D348*E343	0.009631	\$0.0
349 Legal Expense	D349*E343	0.007338	\$0.0
350 Other Procurement Expense	D350*E343	0.002772	\$0.0
351 Research & Development Expense	D351*E343	0.000042	\$0.0
352 Other General and Admin Expense	D352*E343	0.019104	\$0.
353 Common Costs	Sum(E346:E352)		\$0.3
354			
355 TELRIC + Common Costs	E343+E353		\$8.3

Qwest Advice No. 3376T Page 22 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti Product Group: Interconnection

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	В	С	D	E	F	G B * (C Thru F)	Н	I H * (G/60)
CLEC TO CLEC COLLOCATION CROSS-CONNECTION INSTALL mechanized								
<u>*ADD*</u>								
-SERVICE DELIVERY COORDINATOR								
.75 probability applies to tasks associated with non-electronic interface7 probability reflects 30% reduction to work time estimates ordered.								
VERIFY ASR	5	1.000			0.700	3.50	\$40.03	\$2.34
VERIFY COPROVIDER CHECK BILLING CHECKLIST	15 5	1.000 1.000			0.700 0.700	10.50 3.50	\$40.03 \$40.03	\$7.01 \$2.34
VERIFY POA	1	1.000			0.700	0.70	\$40.03	\$0.47
VERIFY TAXI	2	1.000			0.700	1.40	\$40.03	\$0.93
CREDIT INFO/SECURITY	5	1.000			0.700	3.50	\$40.03	\$2.34
INTRA-CO CALLS	5	1.000			0.700	3.50	\$40.03	\$2.34
CHECK CONTRACT ON FOC	5	1.000			0.700	3.50	\$40.03	\$2.34
FOC	1	1.000			0.700	0.70	\$40.03	\$0.47
CHECK CONTRACT INTERVALS CHECK BILLING CHECKLIST RATE	5 10	1.000 1.000			0.700 0.700	3.50 7.00	\$40.03 \$40.03	\$2.34 \$4.67
ORDER DISTRIBUTION	5	1.000			0.700	3.50	\$40.03	\$2.34
ORD COMPLETION /VALIDATION	3	1.000			0.700	2.10	\$40.03	\$1.40
CHECK WFA	2	1.000			0.700	1.40	\$40.03	\$0.93
EXACT COMPLETION	2	1.000			0.700	1.40	\$40.03	\$0.93
CHECK ORDER IN IABS	2	1.000			0.700	1.40	\$40.03	\$0.93
Subtotal - SERVICE DELIVERY COORDINATOR						51.10		\$34.09
-DESIGN								
Probabilities are % manual work required.								
.7 probability reflects 30% reduction to work time estimates ordered.	-	0.000			0.700	0.70	C4404	фо го
ORDER HANDLING/SCREENING GOC ORDER LOG	5 6	0.200 0.200			0.700 0.700	0.70 0.84	\$44.31 \$44.31	\$0.52 \$0.62
ENTER WA MASK	5	0.800			0.700	2.80	\$44.31	\$2.07
PREP LOOP INPUT/DRI	15	0.750			0.700	7.88	\$44.31	\$5.82
CIRCUIT DESIGN	30	1.000				30.00	\$44.31	\$22.16
DISTRIBUTE WORD DOC	2	0.900			0.700	1.26	\$44.31	\$0.93
Subtotal - DESIGN						43.48		\$32.11
-CENTRAL OFFICE FRAMES								
.7 probability reflects 30% reduction to work time estimates ordered.								_
ANALYZE ORDER	5	1.000			0.700	3.50	\$43.81	\$2.56
COMPLETE CROSS-CONNECT POST COMPLETE IN WFA-DI	4	1.000 1.000			0.700 0.700	2.80 1.40	\$43.81 \$43.81	\$2.04
COMMPLETE IN WFA-DI	2	1.000			0.700	2.10	\$43.81 \$43.81	\$1.02 \$1.53
OCIVIIVII LETE WITH OCT-1	3	1.000			0.700	2.10	φ43.01	φ1.33

Qwest Advice No. 3376T Page 23 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A Study Year: 2001

Analyst: Deffley/Eoriatti

Product Group: Interconnection

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G	Н	
						B * (C Thru F)		H * (G/60)
CLEC TO CLEC COLLOCATION CROSS-CONNECTION INSTALL mechanized (con't)								
Subtotal - CENTRAL OFFICE FRAMES						9.80		\$7.16
-SERVICE DELIVERY IMPLEMENTOR								
.7 probability reflects 30% reduction to work time estimates ordered.								
SCREEN WFA FOR CIRCUIT	5	1.000			0.700	3.50	\$43.81	\$2.56
VERIFY LNO COMPLETION	5	1.000			0.700	3.50	\$43.81	\$2.56
NOTIFY CUSTOMER	5	1.000			0.700	3.50	\$43.81	\$2.56
COMPLETE CIRCUIT IN WFA/C	10	1.000			0.700	7.00	\$43.81	\$5.11
Subtotal - SERVICE DELIVERY IMPLEMENTOR						17.50		\$12.78
Total For Service:						121.88		\$86.13

Qwest Advice No. 3376T Page 24 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G	Н	[
						B * (C Thru F)		H * (G/60)

CLEC TO CLEC COLLOCATION CROSS-CONNECTION INSTALL mechanized (con't)

452 Direct Cost			\$86.13
453			
454	Cost	Cost	
455	Calculation	Factor	Cost
456	ВС	D	Е
457 Directly Assigned	<u>- </u>		
458 Product Management Expense	D458*E452	0.040393	\$3.48
459 Sales Expense	D459*E452	0.014960	\$1.29
460 Product Advertising Expense	D460*E452	0.000000	\$0.00
461 Business Fees (Other Operating Taxes)	D461*Sum(E452:E460)	0.042595	\$3.87
462 Directly Assigned Costs	Sum(E452:E461)		\$8.64
463			
464 Total Direct Costs	E452+E462		\$94.77
465			
466 Directly Attributed			
467 Network Operations	D467*E464	0.056129	\$5.32
468 Network Support Assets	D468*E464	0.014074	\$1.33
469 General Support Assets	D469*E464	0.057904	\$5.49
470 General Purpose Computers	D470*E464	0.040926	\$3.88
471 Uncollectible	D471*E464	0.001136	\$0.11
472 Accounting & Finance Expense	D472*E464	0.010471	\$0.99
473 Human Resources Expense	D473*E464	0.009808	\$0.93
474 Information Management Expense	D474*E464	0.068149	\$6.46
475 Intangibles	D475*E464	0.002634	\$0.25
476 Directly Attributed Costs	Sum(E467:E475)		\$24.76
477			
478 TELRIC	E467+E476		\$119.53
479			
480 Common			
481 Executive Expense	D481*E478	0.008052	\$0.96
482 Planning Expense	D482*E478	0.000682	\$0.08
483 External Relations Expense	D483*E478	0.009631	\$1.15
484 Legal Expense	D484*E478	0.007338	\$0.88
485 Other Procurement Expense	D485*E478	0.002772	\$0.33
486 Research & Development Expense	D486*E478	0.000042	\$0.01
487 Other General and Admin Expense	D487*E478	0.019104	\$2.28
488 Common Costs	Sum(E481:E487)		\$5.69
489			
490 TELRIC + Common Costs	E478+E488		\$125.22

Qwest Advice No. 3376T Page 25 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A

COMPLETE CROSS-CONNECT

Study Year: 2001 Analyst: Deffley/Eoriatti Product Group: Interconnection

State: Washington

B * (C Thru F) H * (G/60) CLEC TO CLEC COLLOCATION CROSS-CONNECTION INSTALL manual *ADD* -SERVICE DELIVERY COORDINATOR .75 probability applies to tasks associated with non-electronic interface. .7 probability reflects 30% reduction to work time estimates ordered. **VERIFY ASR** 5 1.000 0.700 3.50 \$40.03 \$2.34 **VERIFY COPROVIDER** 15 1.000 0.700 10.50 \$40.03 \$7.01 CHECK BILLING CHECKLIST \$40.03 \$2.34 1.000 0.700 3.50 INPUT ASR INTO EXACT 8 1.000 0.700 5.60 \$40.03 \$3.74 **VERIFY POA** 0.700 0.70 \$40.03 \$0.47 1.000 **VERIFY TAXI** 0.700 1.40 \$40.03 \$0.93 1.000 CREDIT INFO/SECURITY 1.000 0.700 3.50 \$40.03 \$2.34 5 INTRA-CO CALLS 1.000 0.700 3.50 \$40.03 \$2.34 5 CHECK CONTRACT ON FOC 5 1.000 0.700 3.50 \$40.03 \$2.34 FOC 1.000 0.700 0.70 \$40.03 \$0.47 MANUAL FOC 10 0.700 7.00 \$40.03 \$4.67 1.000 CHECK CONTRACT INTERVALS 0.700 \$40.03 \$2.34 5 1.000 3.50 CHECK BILLING CHECKLIST RATE 10 0.700 7.00 \$40.03 \$4.67 1.000 ORDER DISTRIBUTION 5 1.000 0.700 3.50 \$40.03 \$2.34 ORD COMPLETION /VALIDATION 3 1.000 0.700 2.10 \$40.03 \$1.40 CHECK WFA 2 1.000 0.700 1.40 \$40.03 \$0.93 **EXACT COMPLETION** 2 1.000 0.700 1.40 \$40.03 \$0.93 **CHECK ORDER IN IABS** 1.000 0.700 1.40 \$40.03 \$0.93 \$42.50 Subtotal - SERVICE DELIVERY COORDINATOR 63.70 -DESIGN Probabilities are % manual work required. Reciprocal is mechanization rate. .7 probability reflects 30% reduction to work time estimates ordered. ORDER HANDLING/SCREENING 0.700 5 0.200 0.70 \$44.31 \$0.52 GOC ORDER LOG 6 0.200 0.700 0.84 \$44.31 \$0.62 **ENTER WA MASK** 0.800 0.700 2.80 \$44.31 \$2.07 5 PREP LOOP INPUT/DRI 15 0.750 0.700 7.88 \$44.31 \$5.82 **CIRCUIT DESIGN** 30 1.000 30.00 \$44.31 \$22.16 DISTRIBUTE WORD DOC 2 0.900 0.700 1.26 \$44.31 \$0.93 \$32.11 Subtotal - DESIGN 43.48 -CENTRAL OFFICE FRAMES .7 probability reflects 30% reduction to work time estimates ordered. ANALYZE ORDER 5 1.000 0.700 3.50 \$43.81 \$2.56

1.000

0.700

2.80

\$43.81

\$2.04

Qwest Advice No. 3376T Page 26 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	ı
						B * (C Thru F)		H * (G/60)
CLEC TO CLEC COLLOCATION CROSS-CONNECTION INSTALL manual (con't)								
POST COMPLETE IN WFA-DI	2	1.000			0.700	1.40	\$43.81	\$1.02
COMMPLETE WITH CCT-I	3	1.000			0.700	2.10	\$43.81	\$1.53
Subtotal - CENTRAL OFFICE FRAMES						9.80		\$7.16
-SERVICE DELIVERY IMPLEMENTOR .7 probability reflects 30% reduction to work time estimates ordered.								
SCREEN WFA FOR CIRCUIT	5	1.000			0.700	3.50	\$43.81	\$2.56
VERIFY LNO COMPLETION	5	1.000			0.700	3.50	\$43.81	\$2.56
NOTIFY CUSTOMER	5	1.000			0.700	3.50	\$43.81	\$2.56
COMPLETE CIRCUIT IN WFA/C	10	1.000			0.700	7.00	\$43.81	\$5.11
Subtotal - SERVICE DELIVERY IMPLEMENTOR						17.50		\$12.78
Total For Service:						134.48		\$94.54

Qwest Advice No. 3376T Page 27 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	[
						B * (C Thru F)		H * (G/60)

CLEC TO CLEC COLLOCATION CROSS-CONNECTION INSTALL manual (con't)

587 Direct Cost			\$94.54
588			
589	Cost	Cost	
590	Calculation	Factor	Cost
591	ВС	D	E
592 Directly Assigned			
593 Product Management Expense	D593*E587	0.040393	\$3.82
594 Sales Expense	D594*E587	0.014960	\$1.41
595 Product Advertising Expense	D595*E587	0.000000	\$0.00
596 Business Fees (Other Operating Taxes)	D596*Sum(E587:E595)	0.042595	\$4.25
597 Directly Assigned Costs	Sum(E587:E596)		\$9.48
598	F507 F507		040400
599 Total Direct Costs	E587+E597		\$104.02
600 601 Directly Attributed			
602 Network Operations	D602*E599	0.056129	\$5.84
603 Network Support Assets	D603*E599	0.014074	\$1.46
604 General Support Assets	D604*E599	0.057904	\$6.02
605 General Purpose Computers	D605*E599	0.040926	\$4.26
606 Uncollectible	D606*E599	0.001136	\$0.12
607 Accounting & Finance Expense	D607*E599	0.010471	\$1.09
608 Human Resources Expense	D608*E599	0.009808	\$1.02
609 Information Management Expense	D609*E599	0.068149	\$7.09
610 Intangibles	D610*E599	0.002634	\$0.27
611 Directly Attributed Costs	Sum(E602:E610)		\$27.17
612			ΨΞίιιι
613 TELRIC	E602+E611		\$131.19
614			
615 Common			_
616 Executive Expense	D616*E613	0.008052	\$1.06
617 Planning Expense	D617*E613	0.000682	\$0.09
618 External Relations Expense	D618*E613	0.009631	\$1.26
619 Legal Expense	D619*E613	0.007338	\$0.96
620 Other Procurement Expense	D620*E613	0.002772	\$0.36
621 Research & Development Expense	D621*E613	0.000042	\$0.01
622 Other General and Admin Expense	D622*E613	0.019104	\$2.51
623 Common Costs	Sum(E616:E622)		\$6.25
624			^
625 TELRIC + Common Costs	E613+E623		\$137.44

Qwest Advice No. 3376T Page 28 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G D * (O.Th. F)	Н	
						B * (C Thru F)		H * (G/60)
CLEC TO CLEC COLLOCATION CROSS-CONNECTION DISCONNECT mechanized								
DISCONNECT								
-SERVICE DELIVERY COORDINATOR								
.7 probability reflects 30% reduction to work time estimates ordered.								
VERIFY ASR	5	1.000			0.700	3.50	\$40.03	\$2.34
CHECK BILLING CHECKLIST	5	1.000			0.700	3.50	\$40.03	\$2.34
VERIFY TAXI	2	1.000			0.700	1.40	\$40.03	\$0.93
INTRA-CO CALLS	5	1.000			0.700	3.50	\$40.03	\$2.34
CHECK CONTRACT FOR FOC	5	1.000			0.700	3.50	\$40.03	\$2.34
FOC	1	1.000			0.700	0.70	\$40.03	\$0.47
CHECK CONTRACT INTERVALS	5	1.000			0.700	3.50	\$40.03	\$2.34
CHECK BILLING CHECKLIST RATE	10	1.000			0.700	7.00	\$40.03	\$4.67
ORD DIST TUF/IABS USOC VAL	4	1.000			0.700	2.80	\$40.03	\$1.87
ORD COMPLETION/VALIDATION	3	1.000			0.700	2.10	\$40.03	\$1.40
CHECK WFA	2	1.000			0.700	1.40	\$40.03	\$0.93
EXACT COMPLETION	2	1.000			0.700	1.40	\$40.03	\$0.93
CHECK ORDER IN IABS	2	1.000			0.700	1.40	\$40.03	\$0.93
Subtotal - SERVICE DELIVERY COORDINATOR						35.70		\$23.82
-DESIGN								
Probabilities are % manual work required. Reciprocal is mechanization rate.								
.7 probability reflects 30% reduction to work time estimates ordered.								
ORDER HANDLING/SCREEN	5	0.100			0.700	0.35	\$44.31	\$0.26
GOC ORDER LOG	6	0.100			0.700	0.35	\$44.31	\$0.20 \$0.3
ENTER WA MASK	5	0.100			0.700	0.42	\$44.31	\$0.26
DISCONNECT CIRCUIT	5	0.100			0.700	0.35	\$44.31	\$0.26 \$0.26
DISTRIBUTE WORD DOC	2	0.050			0.700	0.33	\$44.31	\$0.26
DISTRIBUTE WORD DOG	2	0.030			0.700	0.07	Ф44.3 I	•
Subtotal - DESIGN						1.54		\$1.14
-CENTRAL OFFICE FRAMES								
Times applied per commission staff order.								
ANALYZE ORDER	2	1.000				2.00	\$43.81	\$1.46
REMOVE CROSS-CONNECT	3	1.000				3.00	\$43.81	\$2.19
Subtotal - CENTRAL OFFICE FRAMES						5.00		\$3.6
-SERVICE DELIVERY IMPLEMENTOR								
.7 probability reflects 30% reduction to work time estimates ordered.								
SCREEN WFA FOR CIRCUIT	5	1.000			0.700	3.50	\$43.81	\$2.5
CONTACT CUSTOMER	5	1.000			0.700	3.50	\$43.81	\$2.56
CONTINUE COOTOWIEN	J	1.000			0.700	3.30	ψ-σ.σ1	Ψ2.30

Qwest Advice No. 3376T Page 29 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	В	С	D	E	F	G B * (C Thru F)	Н	I H * (G/60)
CLEC TO CLEC COLLOCATION CROSS-CONNECTION DISCONNECT mechanized (con't)								
COMPLETE CIRCUIT IN WFA/C	5	1.000			0.700	3.50	\$43.81	\$2.56
Subtotal - SERVICE DELIVERY IMPLEMENTOR						10.50		\$7.67
Total For Service:						52.74		\$36.27

Qwest Advice No. 3376T Page 30 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	[
						B * (C Thru F)		H * (G/60)

CLEC TO CLEC COLLOCATION CROSS-CONNECTION DISCONNECT mechanized (con't)

722 Direct Cost			\$36.27
723			
724	Cost	Cost	
725	Calculation	Factor	Cost
726	ВС	D	Е
727 Directly Assigned	<u>-</u>		
728 Product Management Expense	D728*E722	0.040393	\$1.47
729 Sales Expense	D729*E722	0.014960	\$0.54
730 Product Advertising Expense	D730*E722	0.000000	\$0.00
731 Business Fees (Other Operating Taxes)	D731*Sum(E722:E730)	0.042595	\$1.63
732 Directly Assigned Costs	Sum(E722:E731)		\$3.64
733			
734 Total Direct Costs	E722+E732		\$39.91
735			
736 Directly Attributed			
737 Network Operations	D737*E734	0.056129	\$2.24
738 Network Support Assets	D738*E734	0.014074	\$0.56
739 General Support Assets	D739*E734	0.057904	\$2.31
740 General Purpose Computers	D740*E734	0.040926	\$1.63
741 Uncollectible	D741*E734	0.001136	\$0.05
742 Accounting & Finance Expense	D742*E734	0.010471	\$0.42
743 Human Resources Expense	D743*E734	0.009808	\$0.39
744 Information Management Expense	D744*E734	0.068149	\$2.72
745 Intangibles	D745*E734	0.002634	\$0.11
746 Directly Attributed Costs	Sum(E737:E745)		\$10.43
747			
748 TELRIC	E737+E746		\$50.34
749			
750 Common			_
751 Executive Expense	D751*E748	0.008052	\$0.41
752 Planning Expense	D752*E748	0.000682	\$0.03
753 External Relations Expense	D753*E748	0.009631	\$0.48
754 Legal Expense	D754*E748	0.007338	\$0.37
755 Other Procurement Expense	D755*E748	0.002772	\$0.14
756 Research & Development Expense	D756*E748	0.000042	\$0.00
757 Other General and Admin Expense	D757*E748	0.019104	\$0.96
758 Common Costs	Sum(E751:E757)		\$2.40
759			
760 TELRIC + Common Costs	E748+E758		\$52.73

Qwest Advice No. 3376T Page 31 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti Product Group: Interconnection

State: Washington

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	В	С	D	E	F	G B * (C Thru F)	Н	I H * (G/60)
C TO CLEC COLLOCATION CROSS-CONNECTION DISCONNECT manual								
CONNECT*								
RVICE DELIVERY COORDINATOR								
.7 probability reflects 30% reduction to work time estimates ordered.	_	4 000			0.700	0.50	A 40 00	•
VERIFY ASR	5	1.000			0.700	3.50	\$40.03	\$
CHECK BILLING CHECKLIST	5	1.000			0.700	3.50	\$40.03	\$
INPUT ASR INTO EXACT	8	1.000			0.700	5.60	\$40.03	\$
VERIFY TAXI	2	1.000			0.700	1.40	\$40.03	9
INTRA-CO CALLS	5	1.000			0.700	3.50	\$40.03	\$
CHECK CONTRACT FOR FOC	5	1.000			0.700	3.50	\$40.03	9
FOC	1	1.000			0.700	0.70	\$40.03	(
MANUAL FOC	10	1.000			0.700	7.00	\$40.03	:
CHECK CONTRACT INTERVALS	5	1.000			0.700	3.50	\$40.03	
CHECK BILLING CHECKLIST RATE	10	1.000			0.700	7.00	\$40.03	
ORD DIST TUF/IABS USOC VAL	4	1.000			0.700	2.80	\$40.03	
ORD COMPLETION/VALIDATION	3	1.000			0.700	2.10	\$40.03	
CHECK WFA		1.000			0.700		\$40.03 \$40.03	
	2					1.40		
EXACT COMPLETION	2	1.000			0.700	1.40	\$40.03	
CHECK ORDER IN IABS	2	1.000			0.700	1.40	\$40.03	9
total - SERVICE DELIVERY COORDINATOR						48.30		\$3
SIGN								
Probabilities are % manual work required. Reciprocal is mechanization rate.								
.7 probability reflects 30% reduction to work time estimates ordered.								
ORDER HANDLING/SCREEN	5	0.100			0.700	0.35	\$44.31	
GOC ORDER LOG	6	0.100			0.700	0.42	\$44.31	:
ENTER WA MASK	5	0.100			0.700	0.35	\$44.31	
DISCONNECT CIRCUIT	5	0.100			0.700	0.35	\$44.31	
DISCONNECT CIRCUIT DISTRIBUTE WORD DOC	2	0.100			0.700	0.07	\$44.31	
DISTRIBUTE WORD DOC	2	0.050			0.700	0.07	Ф44.3 I	
total - DESIGN						1.54		
NTRAL OFFICE FRAMES								
Times applied per commission staff order.								
	2	1.000				2.00	\$43.81	(
ANALYZE ORDER								
ANALYZE ORDER REMOVE CROSS-CONNECT		1.000				3 00	\$43.81	2
ANALYZE ORDER REMOVE CROSS-CONNECT	3	1.000				3.00	\$43.81	;

-SERVICE DELIVERY IMPLEMENTOR

^{.7} probability reflects 30% reduction to work time estimates ordered.

Qwest Advice No. 3376T Page 32 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G	Н	
						B * (C Thru F)		H * (G/60)
CLEC TO CLEC COLLOCATION CROSS-CONNECTION DISCONNECT manual (con't)								
SCREEN WFA FOR CIRCUIT	5	1.000			0.700	3.50	\$43.81	\$2.56
CONTACT CUSTOMER	5	1.000			0.700	3.50	\$43.81	\$2.56
COMPLETE CIRCUIT IN WFA/C	5	1.000			0.700	3.50	\$43.81	\$2.56
Subtotal - SERVICE DELIVERY IMPLEMENTOR						10.50		\$7.67
Total For Service:						65.34		\$44.68

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Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	[
						B * (C Thru F)		H * (G/60)

CLEC TO CLEC COLLOCATION CROSS-CONNECTION DISCONNECT manual (con't)

857 Direct Cost			\$44.0
858			
859	Cost	Cost	
860	Calculation	Factor	Cost
861	ВС	D	Е
862 Directly Assigned			
863 Product Management Expense	D863*E857	0.040393	\$1.
864 Sales Expense	D864*E857	0.014960	\$0.
865 Product Advertising Expense	D865*E857	0.000000	\$0.
866 Business Fees (Other Operating Taxes)	D866*Sum(E857:E865)	0.042595	\$2.
867 Directly Assigned Costs	Sum(E857:E866)		\$4
868			
869 Total Direct Costs	E857+E867		\$49
870			
871 Directly Attributed			
872 Network Operations	D872*E869	0.056129	\$2
873 Network Support Assets	D873*E869	0.014074	\$0
874 General Support Assets	D874*E869	0.057904	\$2
875 General Purpose Computers	D875*E869	0.040926	\$2
876 Uncollectible	D876*E869	0.001136	\$0.
877 Accounting & Finance Expense	D877*E869	0.010471	\$0.
878 Human Resources Expense	D878*E869	0.009808	\$0
879 Information Management Expense	D879*E869	0.068149	\$3.
880 Intangibles	D880*E869	0.002634	\$0
881 Directly Attributed Costs	Sum(E872:E880)		\$12
882			
883 TELRIC	E872+E881		\$62
884			
885 Common			
886 Executive Expense	D886*E883	0.008052	\$0
887 Planning Expense	D887*E883	0.000682	\$0.
888 External Relations Expense	D888*E883	0.009631	\$0
889 Legal Expense	D889*E883	0.007338	\$0
890 Other Procurement Expense	D890*E883	0.002772	\$0
891 Research & Development Expense	D891*E883	0.000042	\$0
892 Other General and Admin Expense	D892*E883	0.019104	\$1
893 Common Costs	Sum(E886:E892)		\$2
894		_	
895 TELRIC + Common Costs	E883+E893		\$64.

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Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G B * (C Thru F)	Н	I H * (G/60)
UNBUNDLED LOOP 2/4 WIRE WITH COOPERATIVE TEST FIRST connection - MECHANIZED								
<u>*ADD*</u>								
-INTERCONNECT SERVICE CENTER (ISC)								
PROVISION LINK ORDER	6	1.000				6.00	\$39.16	\$3.92
Subtotal - INTERCONNECT SERVICE CENTER (ISC)						6.00		\$3.92
-PLANT LINE ASSIGNMENT (PLA) .15 weighting is probability a Link order will fall out for manual assistance7 probability reflects 30% reduction to work time estimates ordered.								
RECEIPT OF SERVICE ORDER CA. MAKEUP, ASSIGN CA. PAIR	6 16	0.150 0.150			0.700 0.700	0.63 1.68	\$37.78 \$37.78	\$0.40 \$1.06
Subtotal - PLANT LINE ASSIGNMENT (PLA)		000				2.31	ψοσ	\$1.45
-CIRCUIT PROVISIONING CENTER It is estimated that orders will reach an 80% flow-through of the SOACITIRKS interface in TIRKS. .7 probability reflects 30% reduction to work time estimates ordered. ORDER HANDLING GOC ORDER SCREEN GOC ORDER LOG PREP LOOP INPUT ENTER WA MASK DISTRIBUTE WORD	6 8 10 8 5 3.9	0.200 0.200 0.200 0.200 0.200 0.200			0.700 0.700 0.700 0.700 0.700 0.700	0.84 1.12 1.40 1.12 0.70 0.55	\$44.31 \$44.31 \$44.31 \$44.31 \$44.31	\$0.62 \$0.83 \$1.03 \$0.83 \$0.52 \$0.40
Subtotal - CIRCUIT PROVISIONING CENTER						5.73		\$4.23
-CENTRAL OFFICE FRAMES 2 probability represents jumpers placed at the main distributing frame and the spots frame of the CLEC. .7 probability reflects 30% reduction to work time estimates ordered. ANALYZE ORDER JUMPER ACTIVITY TEST WITH FIELD	5 7 15	1.000 2.000 1.000			0.700 0.700 0.700	3.50 9.80 10.50	\$43.81 \$43.81 \$43.81	\$2.56 \$7.16 \$7.67
Subtotal - CENTRAL OFFICE FRAMES						23.80		\$17.38
-DISPATCH .7 probability reflects 30% reduction to work time estimates ordered. HANDLE ORDER	1.4	1.000			0.700	0.98	\$37.78	\$0.62

Qwest Advice No. 3376T Page 35 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	В	C	D	E	F	G	H	I
						B * (C Thru F)		H * (G/60)
UNBUNDLED LOOP 2/4 WIRE WITH COOPERATIVE TEST FIRST connection - MECHANIZED	(con't)							
DISPATCH LINK ORDER	6	1.000			0.700	4.20	\$37.78	\$2.64
CLOSEOUT ORDER	6	1.000			0.700	4.20	\$37.78	\$2.64
COMPLETION TYPING	2.8	1.000			0.700	1.96	\$37.78	\$1.23
Subtotal - DISPATCH						11.34		\$7.14
NATALI ATION								
-INSTALLATION .7 probability reflects 30% reduction to work time estimates ordered.								
TRAVEL TIME	21	1.000			0.700	14.70	\$42.68	\$10.46
0.2 probability is percent of time access/sac point work required.	21	1.000			0.700	14.70	Ψ42.00	Ψ10.40
AP/SAC POINT WORK	11	0.200			0.700	1.54	\$42.68	\$1.10
CUSTOMER CONTACT	16	1.000			0.700	11.20	\$42.68	\$7.97
PERFORMANCE TESTING	15	1.000			0.700	10.50	\$42.68	\$7.47
CONTACT TESTER	3	1.000			0.700	2.10	\$42.68	\$1.49
POST RESULTS	2	1.000			0.700	1.40	\$42.68	\$1.00
1 001 N200210	-	1.000			0.700	1.10	ψ12.00	Ψ1.00
Subtotal - INSTALLATION						41.44		\$29.48
-CONTROLLER TESTER								
.7 probability reflects 30% reduction to work time estimates ordered.								
DOCUMENT TEST RESULTS	2	1.000			0.700	1.40	\$43.81	\$1.02
Subtotal - CONTROLLER TESTER						1.40		\$1.02
Total For Service:						92.02		\$64.62

Qwest Advice No. 3376T Page 36 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	[
						B * (C Thru F)		H * (G/60)

UNBUNDLED LOOP 2/4 WIRE WITH COOPERATIVE TEST FIRST connection - MECHANIZED (con't)

992 Direct Cost			\$64.62
993			<u>.</u>
994	Cost	Cost	
995	Calculation	Factor	Cost
996	ВС	D	E
997 Directly Assigned			
998 Product Management Expense	D998*E992	0.040393	\$2.61
999 Sales Expense	D999*E992	0.014960	\$0.97
1000 Product Advertising Expense	D1000*E992	0.000000	\$0.00
1001 Business Fees (Other Operating Taxes)	D1001*Sum(E992:E1000)	0.042595	\$2.90
1002 Directly Assigned Costs	Sum(E992:E1001)		\$6.48
1003			
1004 Total Direct Costs	E992+E1002		\$71.10
1005			<u> </u>
1006 Directly Attributed			
1007 Network Operations	D1007*E1004	0.056129	\$3.99
1008 Network Support Assets	D1008*E1004	0.014074	\$1.00
1009 General Support Assets	D1009*E1004	0.057904	\$4.12
1010 General Purpose Computers	D1010*E1004	0.040926	\$2.91
1011 Uncollectible	D1011*E1004	0.001136	\$0.08
1012 Accounting & Finance Expense	D1012*E1004	0.010471	\$0.74
1013 Human Resources Expense	D1013*E1004	0.009808	\$0.70
1014 Information Management Expense	D1014*E1004	0.068149	\$4.85
1015 Intangibles	D1015*E1004	0.002634	\$0.19
1016 Directly Attributed Costs	Sum(E1007:E1015)		\$18.57
1017			
1018 TELRIC	E1007+E1016		\$89.67
1019			
1020 Common			
1021 Executive Expense	D1021*E1018	0.008052	\$0.72
1022 Planning Expense	D1022*E1018	0.000682	\$0.06
1023 External Relations Expense	D1023*E1018	0.009631	\$0.86
1024 Legal Expense	D1024*E1018	0.007338	\$0.66
1025 Other Procurement Expense	D1025*E1018	0.002772	\$0.25
1026 Research & Development Expense	D1026*E1018	0.000042	\$0.00
1027 Other General and Admin Expense	D1027*E1018	0.019104	\$1.71
1028 Common Costs	Sum(E1021:E1027)		\$4.27
1029			
1030 TELRIC + Common Costs	E1018+E1028		\$93.94

Qwest Advice No. 3376T Page 37 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A Study Year: 2001

Analyst: Deffley/Eoriatti

Product Group: Interconnection

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	В	C	D	E	F	G B * (C Thru F)	Н	I H * (G/60)
						(/		()
INBUNDLED LOOP 2/4 WIRE WITH COOPERATIVE TEST FIRST disconnection - MECHANIZED								
DISCONNECT*								
INTERCONNECT SERVICE CENTER (ISC)								
PROVISION ORDER	6	1.000				6.00	\$39.16	\$3.9
Subtotal - INTERCONNECT SERVICE CENTER (ISC)						6.00		\$3.9
CIRCUIT PROVISIONING CENTER								
It is estimated that disconnect orders will reach an 80% flow-through of the SOAC\TIRKS interface in TIRKS.								
.7 probability reflects 30% reduction to work time estimates ordered.								
GÓC ORDER SCREEN GOC ORDER LOG	6	0.200			0.700	0.84	\$44.31	\$0.6
DISCONNECT CIRCUIT	, 8	0.200 0.200			0.700 0.700	0.98 1.12	\$44.31 \$44.31	\$0.7 \$0.8
DISTRIBUTE WORD	3.9	0.200			0.700	0.55	\$44.31	\$0.4
Subtotal - CIRCUIT PROVISIONING CENTER						3.49		\$2.5
CENTRAL OFFICE FRAMES								
2 probability represents jumpers removed at the main distributing								
frame and the spots frame of the CLEC. ANALYZE ORDER	2	1.000				2.00	\$43.81	\$1.4
REMOVE JUMPER	3	2.000				6.00	\$43.81	\$4.3
ubtotal - CENTRAL OFFICE FRAMES						8.00		\$5.8
						17.49		\$12.3

Qwest Advice No. 3376T Page 38 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G	Н	
						B * (C Thru F)		H * (G/60)

UNBUNDLED LOOP 2/4 WIRE WITH COOPERATIVE TEST FIRST disconnection - MECHANIZED (con't)

1082 Direct Cost			\$12.33
1083			
1084	Cost	Cost	
1085	Calculation	Factor	Cost
1086	ВС	D	E
1087 Directly Assigned			
1088 Product Management Expense	D1088*E1082	0.040393	\$0.50
1089 Sales Expense	D1089*E1082	0.014960	\$0.18
1090 Product Advertising Expense	D1090*E1082	0.000000	\$0.00
1091 Business Fees (Other Operating Taxes)	D1091*Sum(E1082:E1090)	0.042595	\$0.55
1092 Directly Assigned Costs	Sum(E1082:E1091)		\$1.24
1093			
1094 Total Direct Costs	E1082+E1092		\$13.57
1095			
1096 Directly Attributed			
1097 Network Operations	D1097*E1094	0.056129	\$0.76
1098 Network Support Assets	D1098*E1094	0.014074	\$0.19
1099 General Support Assets	D1099*E1094	0.057904	\$0.79
1100 General Purpose Computers	D1100*E1094	0.040926	\$0.56
1101 Uncollectible	D1101*E1094	0.001136	\$0.02
1102 Accounting & Finance Expense	D1102*E1094	0.010471	\$0.14
1103 Human Resources Expense	D1103*E1094	0.009808	\$0.13
1104 Information Management Expense	D1104*E1094	0.068149	\$0.92
1105 Intangibles	D1105*E1094	0.002634	\$0.04
1106 Directly Attributed Costs	Sum(E1097:E1105)		\$3.54
1107	,		
1108 TELRIC	E1097+E1106		\$17.11
1109			
1110 Common			
1111 Executive Expense	D1111*E1108	0.008052	\$0.14
1112 Planning Expense	D1112*E1108	0.000682	\$0.01
1113 External Relations Expense	D1113*E1108	0.009631	\$0.16
1114 Legal Expense	D1114*E1108	0.007338	\$0.13
1115 Other Procurement Expense	D1115*E1108	0.002772	\$0.05
1116 Research & Development Expense	D1116*E1108	0.000042	\$0.00
1117 Other General and Admin Expense	D1117*E1108	0.019104	\$0.33
1118 Common Costs	Sum(E1111:E1117)		\$0.81
1119			
1120 TELRIC + Common Costs	E1108+E1118		\$17.93

Qwest Advice No. 3376T Page 39 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

**************************************	Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
**************************************	A	В	С	D	E	F		Н	I H * (G/60)
A A A A A A A A A A	UNBUNDLED LOOP 2/4 WIRE WITH COOPERATIVE TEST FIRST connection - MANUAL								
### Aproximation of the Company of t	<u>*ADD*</u>								
PROVISION LINK ORDER ### SUBMODIAL INTERCONNECT SERVICE CENTER (ISC) ### SUBMODIAL INTERCONNECT SERVICE CONTER (ISC) ### SUBMODIAL INTERCONNECT SERVICE CENTER (ISC) ### SUBMODIAL I	-INTERCONNECT SERVICE CENTER (ISC)								
PLANT LINE ASSIGNMENT (PLA) 15 weighting is probability a Link order will fall out for manual assistance. 7 probability reflects 30% reduction to work time estimates ordered. 8		45	1.000			0.700	31.50	\$39.16	\$20.56
.15 weighting is probability a Link order will fall out for manual assistance7 probability preflects 30% reduction to work time estimates ordered. RECEIPT OF SERVICE ORDER 6 0.150 0.700 0.63 \$37.78 \$0.000 CA. MAKEUP, ASSIGN CA. PAIR 16 0.150 0.700 1.68 \$37.78 \$1.000 CA. MAKEUP, ASSIGN CA. PAIR 16 0.150 0.700 1.68 \$37.78 \$1.000 CA. MAKEUP, ASSIGN CA. PAIR 16 0.150 0.700 1.68 \$37.78 \$1.000 CA. MAKEUP, ASSIGN CA. PAIR 16 0.150 0.700 1.68 \$37.78 \$1.000 CA. MAKEUP, ASSIGN CA. PAIR 16 0.150 0.700 1.68 \$37.78 \$1.000 CA. MAKEUP, ASSIGN CA. PAIR 17.000 1.600 0.700 1.600 S. SAT. SAT. SAT. SAT. SUBJECT CA. PAIR 16 0.150 0.700 1.600 SAT. SAT. SAT. SAT. SAT. SAT. SAT. SAT.	Subtotal - INTERCONNECT SERVICE CENTER (ISC)						31.50		\$20.56
.15 weighting is probability a Link order will fall out for manual assistance7 probability preflects 30% reduction to work time estimates ordered. RECEIPT OF SERVICE ORDER 6 0.150 0.700 0.63 \$37.78 \$0.000 CA. MAKEUP, ASSIGN CA. PAIR 16 0.150 0.700 1.68 \$37.78 \$1.000 CA. MAKEUP, ASSIGN CA. PAIR 16 0.150 0.700 1.68 \$37.78 \$1.000 CA. MAKEUP, ASSIGN CA. PAIR 16 0.150 0.700 1.68 \$37.78 \$1.000 CA. MAKEUP, ASSIGN CA. PAIR 16 0.150 0.700 1.68 \$37.78 \$1.000 CA. MAKEUP, ASSIGN CA. PAIR 16 0.150 0.700 1.68 \$37.78 \$1.000 CA. MAKEUP, ASSIGN CA. PAIR 17.000 1.600 0.700 1.600 S. SAT. SAT. SAT. SAT. SUBJECT CA. PAIR 16 0.150 0.700 1.600 SAT. SAT. SAT. SAT. SAT. SAT. SAT. SAT.	-PLANT LINE ASSIGNMENT (PLA)								
### A Probability reflects 30% reduction to work time estimates ordered. RECEIPT OF SERVICE ORDER 6 0.150 0.700 0.63 \$37.78 \$0.0 CA. MAKEUP, ASSIGN CA. PAIR 16 0.150 0.700 1.68 \$37.78 \$1.0 CA. MAKEUP, ASSIGN CA. PAIR 16 0.150 0.700 1.68 \$37.78 \$1.0 CA. MAKEUP, ASSIGN CA. PAIR 16 0.150 0.700 1.68 \$37.78 \$1.0 CA. MAKEUP, ASSIGN CA. PAIR 17.0 CA. PAIR 16 0.150 0.700 1.68 \$37.78 \$1.0 CA. MAKEUP, ASSIGN CA. PAIR 17.0 CA. PAIR 18.0 CA.	.15 weighting is probability a Link order will fall out								
RECEIPT OF SERVICE ORDER CA. MAKEUP, ASSIGN CA. PAIR 16 0.150 0.700 0.63 \$37.78 \$0. CA. MAKEUP, ASSIGN CA. PAIR 16 0.150 0.700 1.68 \$37.78 \$1. Subtotal - PLANT LINE ASSIGNMENT (PLA) 2.31 \$1. **CIRCUIT PROVISIONING CENTER It is estimated that orders will reach an 80% flow-through of the SOACITIRKS interface in TIRKS7 probability reflects 30% reduction to work time estimates ordered. ORDER HANDLING GOC ORDER SCREEN 6 0.200 0.700 0.84 \$44.31 \$0. GOC ORDER SCREEN 8 0.200 0.700 1.12 \$44.31 \$0. GOC ORDER SCREEN 8 0.200 0.700 1.12 \$44.31 \$0. PREP LOOP INPUT 8 0.200 0.700 1.12 \$44.31 \$0. ENTER WA MASK 5 0.200 0.700 1.12 \$44.31 \$0. ENTER WA MASK 5 0.200 0.700 1.12 \$44.31 \$0. ENTER WA MASK 5 0.200 0.700 0.70 \$44.31 \$0. DISTRIBUTE WORD 3.9 0.200 0.700 0.55 \$44.31 \$0. Subtotal - CIRCUIT PROVISIONING CENTER									
Subtotal - PLANT LINE ASSIGNMENT (PLA) -CIRCUIT PROVISIONING CENTER It is estimated that orders will reach an 80% flow-through of the SOACTIRKS interface in TIRKS. 7 probability reflects 30% reduction to work time estimates ordered. ORDER HANDLING GOC ORDER SCREEN 8 0.200 0.700 0.700 1.12 84.4.31 90. GOC ORDER LOG 10 0.200 0.700 1.12 84.4.31 91. PREP LOOP INPUT 8 0.200 0.700 0.700 0.700 1.12 84.4.31 90. ENTER WA MASK 5 0.200 0.700 0.700 0.700 0.70 84.4.31 90. DISTRIBUTE WORD 3.9 0.200 0.700 0.700 0.75 84.4.31 90. Subtotal - CIRCUIT PROVISIONING CENTER	RECEIPT OF SERVICE ORDER								\$0.40
CIRCUIT PROVISIONING CENTER It is estimated that orders will reach an 80% flow-through of the SOACVITRKS interface in TIRKS. 17 probability reflects 30% reduction to work time estimates ordered.	CA. MAKEUP, ASSIGN CA. PAIR	16	0.150			0.700	1.68	\$37.78	\$1.06
It is estimated that orders will reach an 80% flow-through of the SOAC\TIRKS interface in TIRKS. 3.7 probability reflects 30% reduction to work time estimates ordered.	Subtotal - PLANT LINE ASSIGNMENT (PLA)						2.31		\$1.45
It is estimated that orders will reach an 80% flow-through of the SOAC\TIRKS interface in TIRKS. 3.7 probability reflects 30% reduction to work time estimates ordered.	-CIPCUIT PROVISIONING CENTER								
Topobability reflects 30% reduction to work time estimates ordered. State									
ORDER HANDLING 6 0.200 0.700 0.84 \$44.31 \$0. GOC ORDER SCREEN 8 0.200 0.700 1.12 \$44.31 \$0. GOC ORDER LOG 10 0.200 0.700 1.40 \$44.31 \$1. PREP LOOP INPUT 8 0.200 0.700 1.12 \$44.31 \$0. ENTER WA MASK 5 0.200 0.700 0.70 \$44.31 \$0. DISTRIBUTE WORD 3.9 0.200 0.700 0.70 \$44.31 \$0. Subtotal - CIRCUIT PROVISIONING CENTER -CENTRAL OFFICE FRAMES 2 probability represents jumpers placed at the main distributing frame and the spots frame of the CLEC. -7 probability reflects 30% reduction to work time estimates ordered. ANALYZE ORDER 5 1.000 0.700 3.50 \$43.81 \$2. JUMPER ACTIVITY 7 2.000 0.700 9.80 \$43.81 \$7. TEST WITH FIELD 15 1.000 0.700 10.50 \$43.	80% flow-through of the SOAC\TIRKS interface in TIRKS.								
GOC ORDER SCREEN GOC ORDER LOG GOC ORDER LOG 10 0.200 0.700 1.12 \$44.31 \$0. 9.000 0.700 1.14 \$44.31 \$1. 9.000 0.700 1.15 \$44.31 \$1. 9.000 0.700 0.700 1.12 \$44.31 \$1. 9.000 ENTER WA MASK 5 0.200 0.700 0.700 0.700 0.700 0.700 0.55 \$44.31 \$0. 9.000 DISTRIBUTE WORD Subtotal - CIRCUIT PROVISIONING CENTER									
GOC ORDER LOG PREP LOOP INPUT 8 0.200 0.700 1.12 \$44.31 \$1. PREP LOOP INPUT 8 0.200 0.700 1.12 \$44.31 \$0. ENTER WA MASK DISTRIBUTE WORD 3.9 0.200 0.700 0.700 0.700 0.70 \$44.31 \$0. 0.700 0.55 \$44.31 \$0. 0.700 0.55 \$44.31 \$0. 0.700 0.55 \$44.31 \$0. 0.700 0.55 \$44.31 \$0. 0.700 0.700 0.55 \$44.31 \$0. 0.700 0.700 0.55 \$44.31 \$0. 0.700 0.700 0.55 \$44.31 \$0. 0.700 0.		6					0.84		\$0.62
PREP LOOP INPUT	GOC ORDER SCREEN	8	0.200			0.700	1.12	\$44.31	\$0.83
ENTER WA MASK DISTRIBUTE WORD 3.9 0.200 0.700 0.700 0.700 0.55 \$44.31 \$0. 0.700 0.55 \$44.31 \$0. 0.700 0.55 \$44.31 \$0. 0.700 0.55 \$44.31 \$0. 0.700 0.55 \$44.31 \$0. 0.700 0.50 \$44.31 \$0. 0.700 0.55 \$44.31 \$0. 0.700 0.50 \$44.31 \$0. 0.700 0.50 \$44.31 \$0. 0.700 0.50 \$44.31 \$0. 0.700 0.50 \$44.31 \$0. 0.700 0.50 \$44.31 \$0. 0.700 0.50 \$44.31 \$0. 0.700 0.50 \$44.31 \$0. 0.700 0.50 \$44.31 \$0. 0.700 0.50 \$43.81 \$0. 0.700 \$1.0		10							\$1.03
DISTRIBUTE WORD 3.9 0.200 0.700 0.55 \$44.31 \$0.		8					1.12		\$0.83
Subtotal - CIRCUIT PROVISIONING CENTER 5.73		•							\$0.52
CENTRAL OFFICE FRAMES 2 probability represents jumpers placed at the main distributing frame and the spots frame of the CLEC. 7 probability reflects 30% reduction to work time estimates ordered.	DISTRIBUTE WORD	3.9	0.200			0.700	0.55	\$44.31	\$0.40
2 probability represents jumpers placed at the main distributing frame and the spots frame of the CLEC. .7 probability reflects 30% reduction to work time estimates ordered. ANALYZE ORDER 5 1.000 0.700 3.50 \$43.81 \$2. JUMPER ACTIVITY 7 2.000 0.700 9.80 \$43.81 \$7. TEST WITH FIELD 15 1.000 0.700 10.50 \$43.81 \$7.	Subtotal - CIRCUIT PROVISIONING CENTER						5.73		\$4.23
2 probability represents jumpers placed at the main distributing frame and the spots frame of the CLEC. .7 probability reflects 30% reduction to work time estimates ordered. ANALYZE ORDER 5 1.000 0.700 3.50 \$43.81 \$2. JUMPER ACTIVITY 7 2.000 0.700 9.80 \$43.81 \$7. TEST WITH FIELD 15 1.000 0.700 10.50 \$43.81 \$7.	-CENTRAL OFFICE FRAMES								
frame and the spots frame of the CLEC. .7 probability reflects 30% reduction to work time estimates ordered. ANALYZE ORDER 5 1.000 0.700 3.50 \$43.81 \$2. JUMPER ACTIVITY 7 2.000 0.700 9.80 \$43.81 \$7. TEST WITH FIELD 15 1.000 0.700 10.50 \$43.81 \$7.									
.7 probability reflects 30% reduction to work time estimates ordered. ANALYZE ORDER 5 1.000 0.700 3.50 \$43.81 \$2. JUMPER ACTIVITY 7 2.000 0.700 9.80 \$43.81 \$7. TEST WITH FIELD 15 1.000 0.700 10.50 \$43.81 \$7.									
ANALYZE ORDER 5 1.000 0.700 3.50 \$43.81 \$2. JUMPER ACTIVITY 7 2.000 0.700 9.80 \$43.81 \$7. TEST WITH FIELD 15 1.000 0.700 10.50 \$43.81 \$7.									
JUMPER ACTIVITY 7 2.000 0.700 9.80 \$43.81 \$7. TEST WITH FIELD 15 1.000 0.700 10.50 \$43.81 \$7.		5	1.000			0.700	3.50	\$43.81	\$2.56
TEST WITH FIELD 15 1.000 0.700 10.50 \$43.81 \$7.									\$7.16
Subtotal - CENTRAL OFFICE FRAMES		15							\$7.67
OUDIOUR - VEHTINE OF FIGE FINANCE	Subtotal - CENTRAL OFFICE FRAMES						23.80		\$17.38

⁻DISPATCH
.7 probability reflects 30% reduction to work time estimates ordered.

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Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	B	C	D	E		G	H	
	_	· ·	_	_	·	B * (C Thru F)	• •	H * (G/60)
UNBUNDLED LOOP 2/4 WIRE WITH COOPERATIVE TEST FIRST connection - MANUAL (con't)								
HANDLE ORDER	1.4	1.000			0.700	0.98	\$37.78	\$0.62
DISPATCH LINK ORDER	6	1.000			0.700	4.20	\$37.78	\$2.64
CLOSEOUT ORDER	6	1.000			0.700	4.20	\$37.78	\$2.64
COMPLETION TYPING	2.8	1.000			0.700	1.96	\$37.78	\$1.23
Subtotal - DISPATCH						11.34		\$7.14
-INSTALLATION								
.7 probability reflects 30% reduction to work time estimates ordered. TRAVEL TIME	21	1.000			0.700	14.70	\$42.68	\$10.46
0.2 probability is percent of time access/sac point work required.	21	1.000			0.700	14.70	Ψ42.00	\$10.40
AP/SAC POINT WORK	11	0.200			0.700	1.54	\$42.68	\$1.10
CUSTOMER CONTACT	16	1.000			0.700	11.20	\$42.68	\$7.10 \$7.97
PERFORMANCE TESTING	15	1.000			0.700	10.50	\$42.68	\$7.47
CONTACT TESTER	3	1.000			0.700	2.10	\$42.68	\$1.49
POST RESULTS	2	1.000			0.700	1.40	\$42.68	\$1.00
1 OOT RESOLTO	2	1.000			0.700	1.40	Ψ42.00	Ψ1.00
Subtotal - INSTALLATION						41.44		\$29.48
-CONTROLLER TESTER								
.7 probability reflects 30% reduction to work time estimates ordered.								
DOCUMENT TEST RESULTS	2	1.000			0.700	1.40	\$43.81	\$1.02
Subtotal - CONTROLLER TESTER						1.40		\$1.02
						447.50		804.00
Total For Service:						117.52		\$81.26

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Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G	Н	
						B * (C Thru F)		H * (G/60)

UNBUNDLED LOOP 2/4 WIRE WITH COOPERATIVE TEST FIRST connection - MANUAL (con't)

1217 Direct Cost			\$81.26
1218			<u>.</u>
1219	Cost	Cost	
1220	Calculation	Factor	Cost
1221	ВС	D	E
1222 Directly Assigned			
1223 Product Management Expense	D1223*E1217	0.040393	\$3.28
1224 Sales Expense	D1224*E1217	0.014960	\$1.22
1225 Product Advertising Expense	D1225*E1217	0.000000	\$0.00
1226 Business Fees (Other Operating Taxes)	D1226*Sum(E1217:E1225)	0.042595	\$3.65
1227 Directly Assigned Costs	Sum(E1217:E1226)		\$8.15
1228	· · · · · ·		
1229 Total Direct Costs	E1217+E1227		\$89.41
1230			
1231 Directly Attributed			
1232 Network Operations	D1232*E1229	0.056129	\$5.02
1233 Network Support Assets	D1233*E1229	0.014074	\$1.26
1234 General Support Assets	D1234*E1229	0.057904	\$5.18
1235 General Purpose Computers	D1235*E1229	0.040926	\$3.66
1236 Uncollectible	D1236*E1229	0.001136	\$0.10
1237 Accounting & Finance Expense	D1237*E1229	0.010471	\$0.94
1238 Human Resources Expense	D1238*E1229	0.009808	\$0.88
1239 Information Management Expense	D1239*E1229	0.068149	\$6.09
1240 Intangibles	D1240*E1229	0.002634	\$0.24
1241 Directly Attributed Costs	Sum(E1232:E1240)		\$23.36
1242	<u> </u>		
1243 TELRIC	E1232+E1241		\$112.77
1244			
1245 Common			
1246 Executive Expense	D1246*E1243	0.008052	\$0.91
1247 Planning Expense	D1247*E1243	0.000682	\$0.08
1248 External Relations Expense	D1248*E1243	0.009631	\$1.09
1249 Legal Expense	D1249*E1243	0.007338	\$0.83
1250 Other Procurement Expense	D1250*E1243	0.002772	\$0.31
1251 Research & Development Expense	D1251*E1243	0.000042	\$0.00
1252 Other General and Admin Expense	D1252*E1243	0.019104	\$2.15
1253 Common Costs	Sum(E1246:E1252)		\$5.37
1254			
1255 TELRIC + Common Costs	E1243+E1253		\$118.14
·			

Qwest Advice No. 3376T Page 42 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	В	С	D	E	F	G B * (C Thru F)	Н	I H * (G/60)
UNBUNDLED LOOP 2/4 WIRE WITH COOPERATIVE TEST FIRST disconnection - MANUAL								
DISCONNECT								
INTERCONNECT SERVICE CENTER (ISC)								
.7 probability reflects 30% reduction to work time estimates ordered. PROVISION ORDER	30	1.000			0.700	21.00	\$39.16	\$13.71
Subtotal - INTERCONNECT SERVICE CENTER (ISC)						21.00		\$13.71
It is estimated that disconnect orders will reach an 80% flow-through of the SOAC\TIRKS interface in TIRKS. 7 probability reflects 30% reduction to work time estimates ordered. GOC ORDER SCREEN GOC ORDER LOG DISCONNECT CIRCUIT DISTRIBUTE WORD	6 7 8 3.9	0.200 0.200 0.200 0.200			0.700 0.700 0.700 0.700	0.84 0.98 1.12 0.55	\$44.31 \$44.31 \$44.31 \$44.31	\$0.62 \$0.72 \$0.83 \$0.40
Subtotal - CIRCUIT PROVISIONING CENTER						3.49		\$2.5
CENTRAL OFFICE FRAMES 2 probability represents jumpers removed at the main distributing frame and the spots frame of the CLEC. ANALYZE ORDER REMOVE JUMPER	2 3	1.000 2.000				2.00 6.00	\$43.81 \$43.81	\$1.46 \$4.38
Subtotal - CENTRAL OFFICE FRAMES						8.00		\$5.8
Total For Service:				_		32.49		\$22.12

Qwest Advice No. 3376T Page 43 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G	Н	
						B * (C Thru F)		H * (G/60)

UNBUNDLED LOOP 2/4 WIRE WITH COOPERATIVE TEST FIRST disconnection - MANUAL (con't)

1309	Cost	Cost	
1310	Calculation	Factor	Cost
1311	B C	D	E
1312 Directly Assigned	В		
1313 Product Management Expense	D1313*E1307	0.040393	\$0.8
1314 Sales Expense	D1313 E1307	0.040393	\$0.3
1315 Product Advertising Expense	D1315*E1307	0.000000	\$0.0
1316 Business Fees (Other Operating Taxes)	D1316*Sum(E1307:E1315)	0.042595	\$0.9
1317 Directly Assigned Costs	Sum(E1307:E1316)	0.042333	\$2.
1318	Gain(£1307.£1310)		Ψ2.
1319 Total Direct Costs	E1307+E1317		\$24.
1320			
1321 Directly Attributed			
1322 Network Operations	D1322*E1319	0.056129	\$1.
1323 Network Support Assets	D1323*E1319	0.014074	\$0.
1324 General Support Assets	D1324*E1319	0.057904	\$1
1325 General Purpose Computers	D1325*E1319	0.040926	\$1.
1326 Uncollectible	D1326*E1319	0.001136	\$0.
1327 Accounting & Finance Expense	D1327*E1319	0.010471	\$0.
1328 Human Resources Expense	D1328*E1319	0.009808	\$0.
1329 Information Management Expense	D1329*E1319	0.068149	\$1.
1330 Intangibles	D1330*E1319	0.002634	\$0.
1331 Directly Attributed Costs	Sum(E1322:E1330)		\$6.
1332			
1333 TELRIC	E1322+E1331		\$30.
1334			
1335 Common			
1336 Executive Expense	D1336*E1333	0.008052	\$0.
1337 Planning Expense	D1337*E1333	0.000682	\$0.
1338 External Relations Expense	D1338*E1333	0.009631	\$0.
1339 Legal Expense	D1339*E1333	0.007338	\$0.
1340 Other Procurement Expense	D1340*E1333	0.002772	\$0.
1341 Research & Development Expense	D1341*E1333	0.000042	\$0
1342 Other General and Admin Expense	D1342*E1333	0.019104	\$0
1343 Common Costs	Sum(E1336:E1342)		\$1

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Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	В	С	D	E	F	G B * (C Thru F)	Н	I H * (G/60)
UNBUNDLED LOOP 2/4 WIRE WITH COOPERATIVE TEST EA ADDL connection - MECHANIZED								
<u>*ADD*</u>								
-INTERCONNECT SERVICE CENTER (ISC)		4 000					000.40	* ***********************************
PROVISION LINK ORDER	6	1.000				6.00	\$39.16	\$3.92
Subtotal - INTERCONNECT SERVICE CENTER (ISC)						6.00		\$3.92
-PLANT LINE ASSIGNMENT (PLA) .15 weighting is probability a Link order will fall out for manual assistance.								
.7 probability reflects 30% reduction to work time estimates ordered. RECEIPT OF SERVICE ORDER CA. MAKEUP, ASSIGN CA. PAIR	6 16	0.150 0.150			0.700 0.700	0.63 1.68	\$37.78 \$37.78	\$0.40 \$1.06
Subtotal - PLANT LINE ASSIGNMENT (PLA)						2.31		\$1.45
						2.51		ψ1. 1 3
-CIRCUIT PROVISIONING CENTER It is estimated that orders will reach an 80% flow-through of the SOAC\TIRKS interface in TIRKS. .7 probability reflects 30% reduction to work time estimates ordered. ORDER HANDLING GOC ORDER SCREEN GOC ORDER LOG PREP LOOP INPUT ENTER WA MASK DISTRIBUTE WORD	6 8 10 8 5 3.9	0.200 0.200 0.200 0.200 0.200 0.200			0.700 0.700 0.700 0.700 0.700 0.700	0.84 1.12 1.40 1.12 0.70 0.55	\$44.31 \$44.31 \$44.31 \$44.31 \$44.31	\$0.62 \$0.83 \$1.03 \$0.83 \$0.52 \$0.40
Subtotal - CIRCUIT PROVISIONING CENTER						5.73		\$4.23
-CENTRAL OFFICE FRAMES 2 probability represents jumpers placed at the main distributing frame and the spots frame of the CLEC. .7 probability reflects 30% reduction to work time estimates ordered. ANALYZE ORDER JUMPER ACTIVITY TEST WITH FIELD	5 7 15	1.000 2.000 1.000			0.700 0.700 0.700	3.50 9.80 10.50	\$43.81 \$43.81 \$43.81	\$2.56 \$7.16 \$7.67
Subtotal - CENTRAL OFFICE FRAMES						23.80		\$17.38
-DISPATCH .7 probability reflects 30% reduction to work time estimates ordered. HANDLE ORDER	1.4	1.000			0.700	0.98	\$37.78	\$0.62

Qwest Advice No. 3376T Page 45 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A Study Year: 2001

Analyst: Deffley/Eoriatti

Product Group: Interconnection

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G	Н	I
						B * (C Thru F)		H * (G/60)
UNBUNDLED LOOP 2/4 WIRE WITH COOPERATIVE TEST EA ADDL connection - MECHANIZ	ED (con't)							
CLOSEOUT ORDER	3	1.000			0.700	2.10	\$37.78	\$1.32
COMPLETION TYPING	2.8	1.000			0.700	1.96	\$37.78	\$1.23
Subtotal - DISPATCH						5.04		\$3.17
-INSTALLATION .7 probability reflects 30% reduction to work time estimates ordered. PERFORMANCE TESTING POST TEST RESULTS	15 2	1.000 1.000			0.700 0.700	10.50 1.40	\$42.68 \$42.68	\$7.47 \$1.00
Subtotal - INSTALLATION						11.90		\$8.46
-CONTROLLER TESTER .7 probability reflects 30% reduction to work time estimates ordered. DOCUMENT TEST RESULTS	2	1.000			0.700	1.40	\$43.81	\$1.02
Subtotal - CONTROLLER TESTER						1.40		\$1.02
						F0.40		600.04
Total For Service:						56.18		\$39.64

Qwest Advice No. 3376T Page 46 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G	Н	
						B * (C Thru F)		H * (G/60)

UNBUNDLED LOOP 2/4 WIRE WITH COOPERATIVE TEST EA ADDL connection - MECHANIZED (con't)

1442 Direct Cost			\$39.64
1443			
1444	Cost	Cost	
1445	Calculation	Factor	Cost
1446	ВС	D	E
1447 Directly Assigned	<u>-</u>		
1448 Product Management Expense	D1448*E1442	0.040393	\$1.60
1449 Sales Expense	D1449*E1442	0.014960	\$0.59
1450 Product Advertising Expense	D1450*E1442	0.000000	\$0.00
1451 Business Fees (Other Operating Taxes)	D1451*Sum(E1442:E1450)	0.042595	\$1.78
1452 Directly Assigned Costs	Sum(E1442:E1451)		\$3.98
1453			'
1454 Total Direct Costs	E1442+E1452		\$43.61
1455			
1456 Directly Attributed			
1457 Network Operations	D1457*E1454	0.056129	\$2.45
1458 Network Support Assets	D1458*E1454	0.014074	\$0.61
1459 General Support Assets	D1459*E1454	0.057904	\$2.53
1460 General Purpose Computers	D1460*E1454	0.040926	\$1.78
1461 Uncollectible	D1461*E1454	0.001136	\$0.05
1462 Accounting & Finance Expense	D1462*E1454	0.010471	\$0.46
1463 Human Resources Expense	D1463*E1454	0.009808	\$0.43
1464 Information Management Expense	D1464*E1454	0.068149	\$2.97
1465 Intangibles	D1465*E1454	0.002634	\$0.11
1466 Directly Attributed Costs	Sum(E1457:E1465)		\$11.39
1467	,		
1468 TELRIC	E1457+E1466		\$55.01
1469			
1470 Common			
1471 Executive Expense	D1471*E1468	0.008052	\$0.44
1472 Planning Expense	D1472*E1468	0.000682	\$0.04
1473 External Relations Expense	D1473*E1468	0.009631	\$0.53
1474 Legal Expense	D1474*E1468	0.007338	\$0.40
1475 Other Procurement Expense	D1475*E1468	0.002772	\$0.15
1476 Research & Development Expense	D1476*E1468	0.000042	\$0.00
1477 Other General and Admin Expense	D1477*E1468	0.019104	\$1.05
1478 Common Costs	Sum(E1471:E1477)		\$2.62
1479			
1480 TELRIC + Common Costs	E1468+E1478		\$57.63

Qwest Advice No. 3376T Page 47 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A Study Year: 2001

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	В	C	D	Ē	F	G B * (C Thru F)	Н	I H * (G/60)
						, ,		, ,
UNBUNDLED LOOP 2/4 WIRE WITH COOPERATIVE TEST EA ADDL disconnection - MECHANIZED								
DISCONNECT								
-INTERCONNECT SERVICE CENTER (ISC)								
PROVISION ORDER	6	1.000				6.00	\$39.16	\$3.9
Subtotal - INTERCONNECT SERVICE CENTER (ISC)						6.00		\$3.9
-CIRCUIT PROVISIONING CENTER								
It is estimated that disconnect orders will reach an 80% flow-through of the SOAC\TIRKS interface in TIRKS.								
.7 probability reflects 30% reduction to work time estimates ordered. GOC ORDER SCREEN		0.000			0.700	0.04	# 44.04	# 0.0
GOC ORDER SCREEN GOC ORDER LOG	6 7	0.200 0.200			0.700 0.700	0.84 0.98	\$44.31 \$44.31	\$0.6 \$0.7
DISCONNECT CIRCUIT	8	0.200			0.700	1.12	\$44.31	\$0.8
DISTRIBUTE WORD	3.9	0.200			0.700	0.55	\$44.31	\$0.4
Subtotal - CIRCUIT PROVISIONING CENTER						3.49		\$2.5
-CENTRAL OFFICE FRAMES								
2 probability represents jumpers removed at the main distributing frame and the spots frame of the CLEC.								
ANALYZE ORDER	2	1.000				2.00	\$43.81	\$1.4
REMOVE JUMPER	3	2.000				6.00	\$43.81	\$4.3
Subtotal - CENTRAL OFFICE FRAMES						8.00		\$5.8
Total For Service:						17.49		\$12.3

Qwest Advice No. 3376T Page 48 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	
						B * (C Thru F)		H * (G/60)

UNBUNDLED LOOP 2/4 WIRE WITH COOPERATIVE TEST EA ADDL disconnection - MECHANIZED (con't)

1532 Direct Cost			\$12.33
1533			
1534	Cost	Cost	
1535	Calculation	Factor	Cost
1536	ВС	D	E
1537 Directly Assigned	•		
1538 Product Management Expense	D1538*E1532	0.040393	\$0.50
1539 Sales Expense	D1539*E1532	0.014960	\$0.18
1540 Product Advertising Expense	D1540*E1532	0.000000	\$0.00
1541 Business Fees (Other Operating Taxes)	D1541*Sum(E1532:E1540)	0.042595	\$0.55
1542 Directly Assigned Costs	Sum(E1532:E1541)		\$1.24
1543			
1544 Total Direct Costs	E1532+E1542		\$13.57
1545			•
1546 Directly Attributed			
1547 Network Operations	D1547*E1544	0.056129	\$0.76
1548 Network Support Assets	D1548*E1544	0.014074	\$0.19
1549 General Support Assets	D1549*E1544	0.057904	\$0.79
1550 General Purpose Computers	D1550*E1544	0.040926	\$0.56
1551 Uncollectible	D1551*E1544	0.001136	\$0.02
1552 Accounting & Finance Expense	D1552*E1544	0.010471	\$0.14
1553 Human Resources Expense	D1553*E1544	0.009808	\$0.13
1554 Information Management Expense	D1554*E1544	0.068149	\$0.92
1555 Intangibles	D1555*E1544	0.002634	\$0.04
1556 Directly Attributed Costs	Sum(E1547:E1555)		\$3.54
1557			
1558 TELRIC	E1547+E1556		\$17.11
1559			
1560 Common			
1561 Executive Expense	D1561*E1558	0.008052	\$0.14
1562 Planning Expense	D1562*E1558	0.000682	\$0.01
1563 External Relations Expense	D1563*E1558	0.009631	\$0.16
1564 Legal Expense	D1564*E1558	0.007338	\$0.13
1565 Other Procurement Expense	D1565*E1558	0.002772	\$0.05
1566 Research & Development Expense	D1566*E1558	0.000042	\$0.00
1567 Other General and Admin Expense	D1567*E1558	0.019104	\$0.33
1568 Common Costs	Sum(E1561:E1567)		\$0.81
1569			
1570 TELRIC + Common Costs	E1558+E1568		\$17.93

Qwest Advice No. 3376T Page 49 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	В	С	D	E	F	G B * (C Thru F)	Н	I H * (G/60)
						_ (0,		(2,23)
UNBUNDLED LOOP 2/4 WIRE WITH COOPERATIVE TEST EA ADDL connection - MANUAL								
ADD								
-INTERCONNECT SERVICE CENTER (ISC)								
PROVISION LINK ORDER	6	1.000				6.00	\$39.16	\$3.92
Subtotal - INTERCONNECT SERVICE CENTER (ISC)						6.00		\$3.92
-PLANT LINE ASSIGNMENT (PLA)								
.15 weighting is probability a Link order will fall out for manual assistance.								
.7 probability reflects 30% reduction to work time estimates ordered. RECEIPT OF SERVICE ORDER	6	0.150			0.700	0.63	\$37.78	\$0.40
CA. MAKEUP, ASSIGN CA. PAIR	16	0.150			0.700	1.68	\$37.78	\$1.06
Subtotal - PLANT LINE ASSIGNMENT (PLA)						2.31		\$1.45
-CIRCUIT PROVISIONING CENTER								_
It is estimated that orders will reach an								
80% flow-through of the SOAC\TIRKS interface in TIRKS7 probability reflects 30% reduction to work time estimates ordered.								
ORDER HANDLING	6	0.200			0.700	0.84	\$44.31	\$0.62
GOC ORDER SCREEN	8	0.200			0.700	1.12	\$44.31	\$0.83
GOC ORDER LOG	10	0.200			0.700	1.40	\$44.31	\$1.03
PREP LOOP INPUT ENTER WA MASK	8 5	0.200 0.200			0.700 0.700	1.12 0.70	\$44.31 \$44.31	\$0.83 \$0.52
DISTRIBUTE WORD	3.9	0.200			0.700	0.70	\$44.31	\$0.52 \$0.40
Subtotal - CIRCUIT PROVISIONING CENTER						5.73		\$4.23
								•
-CENTRAL OFFICE FRAMES 2 probability represents jumpers placed at the main distributing								
frame and the spots frame of the CLEC.								
.7 probability reflects 30% reduction to work time estimates ordered.								
ANALYZE ORDER	5	1.000			0.700	3.50	\$43.81	\$2.56
JUMPER ACTIVITY	7	2.000			0.700	9.80	\$43.81	\$7.16
TEST WITH FIELD	15	1.000			0.700	10.50	\$43.81	\$7.67
Subtotal - CENTRAL OFFICE FRAMES						23.80		\$17.38
-DISPATCH								
.7 probability reflects 30% reduction to work time estimates ordered. HANDLE ORDER	4.4	1.000			0.700	0.00	#27 70	40.00
HANDLE ORDEK	1.4	1.000			0.700	0.98	\$37.78	\$0.62

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Study Name: PART D FINAL ORDER NRC STUDY 7246 A Study Year: 2001

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G D * (O Through)	Н	
						B * (C Thru F)		H * (G/60)
UNBUNDLED LOOP 2/4 WIRE WITH COOPERATIVE TEST EA ADDL connection - MANUAL (con't)								
CLOSEOUT ORDER	3	1.000			0.700	2.10	\$37.78	\$1.32
COMPLETION TYPING	2.8	1.000			0.700	1.96	\$37.78	\$1.23
							******	*
Subtotal - DISPATCH						5.04		\$3.17
-INSTALLATION .7 probability reflects 30% reduction to work time estimates ordered. PERFORMANCE TESTING POST TEST RESULTS	15 2	1.000 1.000			0.700 0.700	10.50 1.40	\$42.68 \$42.68	\$7.47 \$1.00
Subtotal - INSTALLATION						11.90		\$8.46
-CONTROLLER TESTER .7 probability reflects 30% reduction to work time estimates ordered. DOCUMENT TEST RESULTS	2	1.000			0.700	1.40	\$43.81	\$1.02
						4.40		64.00
Subtotal - CONTROLLER TESTER						1.40		\$1.02
Total For Service:						56.18		\$39.64

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Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	[
						B * (C Thru F)		H * (G/60)

UNBUNDLED LOOP 2/4 WIRE WITH COOPERATIVE TEST EA ADDL connection - MANUAL (con't)

1667 Direct Cost			\$39.64
1668			
1669	Cost	Cost	
1670	Calculation	Factor	Cost
1671	ВС	D	Е
1672 Directly Assigned			
1673 Product Management Expense	D1673*E1667	0.040393	\$1.60
1674 Sales Expense	D1674*E1667	0.014960	\$0.59
1675 Product Advertising Expense	D1675*E1667	0.000000	\$0.00
1676 Business Fees (Other Operating Taxes)	D1676*Sum(E1667:E1675)	0.042595	\$1.78
1677 Directly Assigned Costs	Sum(E1667:E1676)		\$3.98
1678			•
1679 Total Direct Costs	E1667+E1677		\$43.61
1680			•
1681 Directly Attributed			
1682 Network Operations	D1682*E1679	0.056129	\$2.45
1683 Network Support Assets	D1683*E1679	0.014074	\$0.61
1684 General Support Assets	D1684*E1679	0.057904	\$2.53
1685 General Purpose Computers	D1685*E1679	0.040926	\$1.78
1686 Uncollectible	D1686*E1679	0.001136	\$0.05
1687 Accounting & Finance Expense	D1687*E1679	0.010471	\$0.46
1688 Human Resources Expense	D1688*E1679	0.009808	\$0.43
1689 Information Management Expense	D1689*E1679	0.068149	\$2.97
1690 Intangibles	D1690*E1679	0.002634	\$0.11
1691 Directly Attributed Costs	Sum(E1682:E1690)		\$11.39
1692	<u> </u>		
1693 TELRIC	E1682+E1691		\$55.01
1694			<u> </u>
1695 Common			
1696 Executive Expense	D1696*E1693	0.008052	\$0.44
1697 Planning Expense	D1697*E1693	0.000682	\$0.04
1698 External Relations Expense	D1698*E1693	0.009631	\$0.53
1699 Legal Expense	D1699*E1693	0.007338	\$0.40
1700 Other Procurement Expense	D1700*E1693	0.002772	\$0.15
1701 Research & Development Expense	D1701*E1693	0.000042	\$0.00
1702 Other General and Admin Expense	D1702*E1693	0.019104	\$1.05
1703 Common Costs	Sum(E1696:E1702)		\$2.62
1704			
1705 TELRIC + Common Costs	E1693+E1703		\$57.63

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Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	В	С	D	Е	F	G B * (C Thru F)	Н	I H * (G/60)
UNBUNDLED LOOP 2/4 WIRE WITH COOPERATIVE TEST EA ADDL disconnection - MANUAL								
DISCONNECT								
-INTERCONNECT SERVICE CENTER (ISC)								
PROVISION ORDER	6	1.000				6.00	\$39.16	\$3.92
Subtotal - INTERCONNECT SERVICE CENTER (ISC)						6.00		\$3.92
-CIRCUIT PROVISIONING CENTER								
It is estimated that disconnect orders will reach an								
80% flow-through of the SOAC\TIRKS interface in TIRKS7 probability reflects 30% reduction to work time estimates ordered.								
GOC ORDER SCREEN	6	0.200			0.700	0.84	\$44.31	\$0.6
GOC ORDER LOG	7	0.200			0.700	0.98	\$44.31	\$0.72
DISCONNECT CIRCUIT	8	0.200			0.700	1.12	\$44.31	\$0.8
DISTRIBUTE WORD	3.9	0.200			0.700	0.55	\$44.31	\$0.40
Subtotal - CIRCUIT PROVISIONING CENTER						3.49		\$2.57
-CENTRAL OFFICE FRAMES								
2 probability represents jumpers removed at the main distributing								
frame and the spots frame of the CLEC.								
ANALYZE ORDER	2	1.000				2.00	\$43.81	\$1.40
REMOVE JUMPER	3	2.000				6.00	\$43.81	\$4.38
Subtotal - CENTRAL OFFICE FRAMES						8.00		\$5.84
Total For Service:						17.49		\$12.33

Qwest Advice No. 3376T Page 53 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	
						B * (C Thru F)		H * (G/60)

UNBUNDLED LOOP 2/4 WIRE WITH COOPERATIVE TEST EA ADDL disconnection - MANUAL (con't)

1757 Direct Cost			\$12.33
1758			
1759	Cost	Cost	
1760	Calculation	Factor	Cost
1761	ВС	D	Е
1762 Directly Assigned			
1763 Product Management Expense	D1763*E1757	0.040393	\$0.50
1764 Sales Expense	D1764*E1757	0.014960	\$0.18
1765 Product Advertising Expense	D1765*E1757	0.000000	\$0.00
1766 Business Fees (Other Operating Taxes)	D1766*Sum(E1757:E1765)	0.042595	<u>\$0.55</u>
1767 Directly Assigned Costs	Sum(E1757:E1766)		\$1.24
1768			
1769 Total Direct Costs	E1757+E1767		\$13.57
1770			
1771 Directly Attributed			
1772 Network Operations	D1772*E1769	0.056129	\$0.76
1773 Network Support Assets	D1773*E1769	0.014074	\$0.19
1774 General Support Assets	D1774*E1769	0.057904	\$0.79
1775 General Purpose Computers	D1775*E1769	0.040926	\$0.56
1776 Uncollectible	D1776*E1769	0.001136	\$0.02
1777 Accounting & Finance Expense	D1777*E1769	0.010471	\$0.14
1778 Human Resources Expense	D1778*E1769	0.009808	\$0.13
1779 Information Management Expense	D1779*E1769	0.068149	\$0.92
1780 Intangibles	D1780*E1769	0.002634	\$0.04
1781 Directly Attributed Costs	Sum(E1772:E1780)		\$3.54
1782			
1783 TELRIC	E1772+E1781		\$17.11
1784			
1785 Common	B		00.44
1786 Executive Expense	D1786*E1783	0.008052	\$0.14
1787 Planning Expense	D1787*E1783	0.000682	\$0.01
1788 External Relations Expense	D1788*E1783	0.009631	\$0.16
1789 Legal Expense	D1789*E1783	0.007338	\$0.13
1790 Other Procurement Expense	D1790*E1783	0.002772	\$0.05
1791 Research & Development Expense	D1791*E1783	0.000042	\$0.00
1792 Other General and Admin Expense	D1792*E1783	0.019104	\$0.33
1793 Common Costs	Sum(E1786:E1792)		\$0.81
1794			A.= 00
1795 TELRIC + Common Costs	E1783+E1793		\$17.93

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Study Name: PART D FINAL ORDER NRC STUDY 7246 A Study Year: 2001

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	В	С	D	E	F	G B * (C Thru F)	Н	I H * (G/60)
DS1,DS3,OCN CAPABLE LOOP BASIC INSTALL WITH COOPERATIVE TEST (NEW SERVICE) FIF	RST Install - MEC	HANIZED						
<u>*ADD*</u>								
-INTERCONNECT SERVICE CENTER (ICS)								
Provision order	6	1.000				6.00	\$39.16	\$3.92
Subtotal - INTERCONNECT SERVICE CENTER (ICS)						6.00		\$3.92
-PLANT LINE ASSIGNMENT (PLA)								
.15 weighting is probability a Loop order will fall out for manual assistance7 probability reflects 30% reduction to work time estimates ordered.								
CLEAR RMA	11.25	0.150			0.700	1.18	\$37.78	\$0.74
Subtotal - PLANT LINE ASSIGNMENT (PLA)						1.18		\$0.74
-DESIGN								
Probabilities are % manual work required. Reciprocal is mechanization rate.								
.7 probability reflects 30% reduction to work time estimates ordered. ORDER HANDLING/SCREENING	5	0.200			0.700	0.70	\$44.31	\$0.52
GOC ORDER LOG	6	0.200			0.700	0.84	\$44.31	\$0.62
ENTER WA MASK PREP LOOP INPUT/DRI	5 15	0.800 0.750			0.700 0.700	2.80 7.88	\$44.31 \$44.31	\$2.07 \$5.82
CIRCUIT DESIGN	30	1.000			0.700	21.00	\$44.31	\$5.62 \$15.51
DISTRIBUTE WORD DOC	2	0.900			0.700	1.26	\$44.31	\$0.93
Subtotal - DESIGN						34.48		\$25.46
-CENTRAL OFFICE FRAMES								
Jumper count assumes common spot frame. Jumper placed at MDF.								
.7 probability reflects 30% reduction to work time estimates ordered. ANALYZE ORDER	5	1.000			0.700	3.50	\$43.81	\$2.56
COMPLETE LOOP QUALIFICATION	5	1.000			0.700	3.50	\$43.81	\$2.56
COMPLETE CROSS-CONNECT	4	1.000			0.700	2.80	\$43.81	\$2.04
CONTINUITY/STRESS TESTS	60	1.000			0.700	42.00	\$43.81	\$30.67
POST COMPLETE IN WFADI	2	1.000			0.700	1.40	\$43.81	\$1.02
Subtotal - CENTRAL OFFICE FRAMES						53.20		\$38.84
-LRAC								
.7 probability reflects 30% reduction to work time estimates ordered.	_							
SCREEN ORDER LOAD WORK REQUEST TO TECH	2 5	1.000 1.000			0.700 0.700	1.40 3.50	\$37.78 \$37.78	\$0.88 \$2.20
CLOSE OUT WORK REQUEST	3	1.000			0.700	2.10	\$37.78	\$1.32

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Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	В	C	D	E	F	G B * (C Thru F)	Н	I H * (G/60)
DS1,DS3,OCN CAPABLE LOOP BASIC INSTALL WITH COOPERATIVE TEST (NEW SERVICE)	FIRST Install - MEC	HANIZED (co	n't)					
COMPLETE WORK IN WFADO	3	1.000			0.700	2.10	\$37.78	\$1.32
Subtotal - LRAC						9.10		\$5.73
-INSTALLATION/FIELD TECHNICIAN								
.7 probability reflects 30% reduction to work time estimates ordered.								
TRAVEL TIME	21	1.000			0.700	14.70	\$42.68	\$10.46
0.2 probability is percent of time access/sac point work required.								
AP/SAC POINT WORK	13	0.200			0.700	1.82	\$42.68	\$1.2
CONTACT CCTI TO WORK ORDER	3	1.000			0.700	2.10	\$42.68	\$1.4
COMPLETE CONTINUITY TESTING	15	1.000			0.700	10.50	\$42.68	\$7.4
REPORT TEST RESULTS TO CCTI	2	1.000			0.700	1.40	\$42.68	\$1.0
COMPLETE WITH LRAC	3	1.000			0.700	2.10	\$42.68	\$1.4
Subtotal - INSTALLATION/FIELD TECHNICIAN						32.62		\$23.2
-SERVICE DELIVERY IMPLEMENTOR								
.7 probability reflects 30% reduction to work time estimates ordered.								
SCREEN WFA FOR CIRCUIT	15	1.000			0.700	10.50	\$43.81	\$7.6
VERIFY LNO FOR CIRCUIT	10	1.000			0.700	7.00	\$43.81	\$5.1
TEST CIRCUIT	60	1.000			0.700	42.00	\$43.81	\$30.6
NOTIFY CUSTOMER	5	1.000			0.700	3.50	\$43.81	\$2.5
COMPLETE CIRCUIT IN WFA/C	10	1.000			0.700	7.00	\$43.81	\$5.1
Subtotal - SERVICE DELIVERY IMPLEMENTOR						70.00		\$51.1
Total For Service:						206.58		\$149.0

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Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G	Н	
						B * (C Thru F)		H * (G/60)

DS1,DS3,OCN CAPABLE LOOP BASIC INSTALL WITH COOPERATIVE TEST (NEW SERVICE) FIRST Install - MECHANIZED (con't)

1892 Direct Cost			\$149.01
1893	<u>.</u>		
1894	Cost	Cost	
1895	Calculation	Factor	Cost
1896	ВС	D	E
1897 Directly Assigned			
1898 Product Management Expense	D1898*E1892	0.040393	\$6.02
1899 Sales Expense	D1899*E1892	0.014960	\$2.23
1900 Product Advertising Expense	D1900*E1892	0.000000	\$0.00
1901 Business Fees (Other Operating Taxes)	D1901*Sum(E1892:E1900)	0.042595	\$6.70
1902 Directly Assigned Costs	Sum(E1892:E1901)		\$14.95
1903			-
1904 Total Direct Costs	E1892+E1902		\$163.96
1905			-
1906 Directly Attributed			
1907 Network Operations	D1907*E1904	0.056129	\$9.20
1908 Network Support Assets	D1908*E1904	0.014074	\$2.31
1909 General Support Assets	D1909*E1904	0.057904	\$9.49
1910 General Purpose Computers	D1910*E1904	0.040926	\$6.71
1911 Uncollectible	D1911*E1904	0.001136	\$0.19
1912 Accounting & Finance Expense	D1912*E1904	0.010471	\$1.72
1913 Human Resources Expense	D1913*E1904	0.009808	\$1.61
1914 Information Management Expense	D1914*E1904	0.068149	\$11.17
1915 Intangibles	D1915*E1904	0.002634	\$0.43
1916 Directly Attributed Costs	Sum(E1907:E1915)		\$42.83
1917			
1918 TELRIC	E1907+E1916		\$206.79
1919			
1920 Common			_
1921 Executive Expense	D1921*E1918	0.008052	\$1.67
1922 Planning Expense	D1922*E1918	0.000682	\$0.14
1923 External Relations Expense	D1923*E1918	0.009631	\$1.99
1924 Legal Expense	D1924*E1918	0.007338	\$1.52
1925 Other Procurement Expense	D1925*E1918	0.002772	\$0.57
1926 Research & Development Expense	D1926*E1918	0.000042	\$0.01
1927 Other General and Admin Expense	D1927*E1918	0.019104	\$3.95
1928 Common Costs	Sum(E1921:E1927)		\$9.85
1929			
1930 TELRIC + Common Costs	E1918+E1928		\$216.63

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Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	В	C	D	E	F	G B * (C Thru F)	H	I H * (G/60)
DOWN DOWN ON DARK ELLOOD DARKS INSTALL WITH COOREDATIVE TEST WERE SERVICE V	TIDOT Discourses	MEGUANIZE						
DS1,DS3,OCN CAPABLE LOOP BASIC INSTALL WITH COOPERATIVE TEST (NEW SERVICE) F	-iks i Disconnect	- WECHANIZEI	,					
DISCONNECT								
-INTERCONNECT SERVICE CENTER (ICS) Provision order	6	1.000				6.00	\$39.16	\$3.9
Subtotal - INTERCONNECT SERVICE CENTER (ICS)						6.00		\$3.9
-DESIGN								
Probabilities are % manual work required. Reciprocal is mechanization rate7 probability reflects 30% reduction to work time estimates ordered.								
ORDER HANDLING/SCREEN	5	0.100			0.700	0.35	\$44.31	\$0.2
GOC ORDER LOG	6	0.100			0.700	0.42	\$44.31	\$0.3
ENTER WA MASK	5	0.100			0.700	0.35	\$44.31	\$0.2
DISCONNECT CIRCUIT	5	0.100			0.700	0.35	\$44.31	\$0.2
DISTRIBUTE WORD DOC	2	0.100			0.700	0.14	\$44.31	\$0.1
Subtotal - DESIGN						1.61		\$1.1
-CENTRAL OFFICE FRAMES								
Jumper count assumes common spot frame. Jumper removed at MDF.								
ANALYZE ORDER	2	1.000				2.00	\$43.81	\$1.4
REMOVE JUMPER	3	1.000				3.00	\$43.81	\$2.1
Subtotal - CENTRAL OFFICE FRAMES						5.00		\$3.6
-SERVICE DELIVERY IMPLEMENTOR								
.7 probability reflects 30% reduction to work time estimates ordered.							4	
SCREEN WFA FOR CIRCUIT	5	1.000			0.700	3.50	\$43.81	\$2.5
CONTACT CUSTOMER	5	1.000			0.700	3.50	\$43.81	\$2.5
COMPLETE CIRCUIT IN WFA/C	5	1.000			0.700	3.50	\$43.81	\$2.5
Subtotal - SERVICE DELIVERY IMPLEMENTOR						10.50		\$7.6
Total For Service:						23.11		\$16.4

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Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G	Н	
						B * (C Thru F)		H * (G/60)

DS1,DS3,OCN CAPABLE LOOP BASIC INSTALL WITH COOPERATIVE TEST (NEW SERVICE) FIRST Disconnect - MECHANIZED (con't)

1983 1984	1982 Direct Cost			\$16.42
Page	1983			
1986	1984			
1987 Directly Assigned	1985			
1988 Product Management Expense D1988*E1982 0.040333 \$0.66 1989 Sales Expense D1989*E1982 0.014960 \$0.25 1990 Product Advertising Expense D1990*E1982 0.000000 \$0.00 1991 Business Fees (Other Operating Taxes) D1991*Sum(E1982:E1990) 0.42595 \$0.74 1992 D1990*E1982 D1991*Sum(E1982:E1990) 0.42595 \$0.74 1992 D1990*E1982 D1991*Sum(E1982:E1991) \$1.05 1993 D1991*Sum(E1982:E1991) \$1.05 D1991*Sum(E1991) \$1.05 D1991*Sum(E1991:E2005) \$1.05		ВС	D	E
1989 Sales Expense D1980*E11982 0.014960 \$0.25 1990 Product Advertising Expense D1990*E1982 0.000000 \$0.00 \$0.0000 \$0.000 \$0.000 \$0.000 \$0.000 \$0.000 \$0.000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.000 \$0.000 \$0.000 \$0.000 \$0.0	1987 Directly Assigned	<u> </u>		
1990 Product Advertising Expense D1990 F1982 0.000000 \$0.0			0.040393	
1991 Business Fees (Other Operating Taxes) D1991*Sum(E1982:E1991) 0.042595 S0.74 1992 Directly Assigned Costs D1994 Total Direct Costs E1982+E1992 \$18.07 1995 Total Direct Costs E1982+E1992 \$18.07 1995 Directly Attributed D1997*E1994 0.056129 \$1.01 1998 Network Operations D1997*E1994 0.014074 \$0.25 1999 General Support Assets D1999*E1994 0.057904 \$1.05 1990 General Purpose Computers D2000*E1994 0.040926 \$0.74 2001 Uncollectible D2000*E1994 0.011477 \$0.19 2002 Accounting & Finance Expense D2002*E1994 0.011471 \$0.19 2003 Human Resources Expense D2002*E1994 0.00471 \$0.19 2004 Information Management Expense D2004*E1994 0.068149 \$1.23 2005 Intangibles D2004*E1994 0.008163 \$0.05 2006 Directly Attributed Costs D2005*E1994 0.00863 \$0.05 2007 Common C2008 D2005*E1994 0.00868 \$0.27 2009 C2009 C200				
1992 Directly Assigned Costs Sum(E1982:E1991) \$1.65 1993 1994 70tal Direct Costs E1982+E1992 \$18.07 1995 1996 Directly Attributed 1997 Network Operations D1997'E1994 0.056129 \$1.01 1998 Network Support Assets D1998'E1994 0.014074 \$0.25 1999 General Support Assets D1998'E1994 0.057904 \$1.05 2000 General Purpose Computers D2000'E1994 0.040926 \$0.74 2001 Uncollectible D2001'E1994 0.001136 \$0.02 2002 Accounting & Finance Expense D2001'E1994 0.011471 \$0.19 2003 Human Resources Expense D2003'E1994 0.001136 \$0.02 2004 Information Management Expense D2003'E1994 0.068149 \$1.23 2005 Intangibles D2004'E1994 0.068149 \$1.23 2006 Directly Attributed Costs D2005'E1994 0.002634 \$0.05 2007 2007 2007 2008 TELRIC E1997+E2006 \$22.79 2009 2010 Common 2011 Executive Expense D2011'E2008 0.000682 \$0.18 2012 Planning Expense D2012'E2008 0.000682 \$0.02 2013 External Relations Expense D2013'E2008 0.000682 \$0.02 2014 Legal Expense D2013'E2008 0.000682 \$0.02 2015 Control Common D2014'E2008 0.0007338 \$0.17 2016 Research & Development Expense D2014'E2008 0.0007338 \$0.17 2016 Research & Development Expense D2016'E2008 0.000772 \$0.06 2016 Research & Development Expense D2016'E2008 0.000772 \$0.06 2016 Research & Development Expense D2016'E2008 0.000772 \$0.06 2017 Other General and Admin Expense D2017'E2008 0.000772 \$0.06 2018 Common Costs Sum(E2011:E2017) \$1.09 2019 20				
1993 1994 Total Direct Costs E1982+E1992 \$18.07 1995		D1991*Sum(E1982:E1990)	0.042595	
1994 Total Direct Costs		Sum(E1982:E1991)		\$1.65
1995 Directly Attributed 1997 Network Operations D1997*E1994 0.056129 \$1.01 1998 Network Support Assets D1998*E1994 0.014074 \$0.25 1999 General Support Assets D1999*E1994 0.057904 \$1.05 2000 General Support Assets D2000*E1994 0.040926 \$0.74 2001 Uncollectible D2001*E1994 0.001136 \$0.02 2002 Accounting & Finance Expense D2002*E1994 0.010471 \$0.19 2003 Human Resources Expense D2003*E1994 0.00471 \$0.19 2004 Information Management Expense D2004*E1994 0.068149 \$1.23 2005 Intangibles D2005*E1994 0.068149 \$1.23 2006 Directly Attributed Costs Sum(E1997:E2005) \$4.72 2007 E1997*E2005 \$2.79 2008 TELRIC E1997*E2006 \$2.2.79 2009 2009 E1997*E2006 \$2.2.79 2010 Common 2011 Executive Expense D2011*E2008 0.00062 \$0.02 2012 External Relations Expense D2012*E2008 0.00062				
1996 Directly Attributed 1997 Network Operations D1997*E1994 0.056129 \$1.01 1998 1998 1999 1999 1994 0.014074 \$0.25 1999 1999 1999 1994 0.057904 \$1.05 1999		E1982+E1992		\$18.07
1997 Network Operations D1997*E1994 0.056129 \$1.01 1998 Network Support Assets D1998*E1994 0.014074 \$0.25 1999 General Support Assets D1998*E1994 0.057904 \$1.05 2000 General Purpose Computers D2000*E1994 0.040926 \$0.74 2001 Uncollectible D2001*E1994 0.001136 \$0.02 2002 Accounting & Finance Expense D2002*E1994 0.010471 \$0.19 2003 Human Resources Expense D2003*E1994 0.008808 \$0.18 2004 Information Management Expense D2004*E1994 0.068149 \$1.23 2005 Intangibles D2004*E1994 0.00808 \$0.18 2006 [Directly Attributed Costs D2005*E1994 0.002634 \$0.05 2007 E1997*E2005 \$4.72 2008 TELRIC E1997*E2005 \$4.72 2009 2009 2010 Common 2011*E2008 0.008052 \$0.18 2012 Planning Expense D2013*E2008 0.000862 \$0.02 2013 External Relations Expense D2013*E2008 0.009631 \$0.22 2014 Legal Expense D2014*E2008 0.0097338 \$0.17 2015 Other Procurement Expense D2014*E2008 0.007338 \$0.17 2016 Research & Development Expense D2016*E2008 0.0007338 \$0.17 2017 Other Procurement Expense D2016*E2008 0.000733 \$0.17 2018 Common Costs D2017*E2008 0.000742 \$0.00 2019 Common D2015*E2008 0.0007338 \$0.17 2019 Common D2016*E2008 0.000742 \$0.00 2017 Other General and Admin Expense D2016*E2008 0.000742 \$0.00 2017 Other General and Admin Expense D2017*E2008 0.000742 \$0.00 2018 Common Costs D2016*E2008 0.000742 \$0.00 2019 Common Costs D2016*E2008 0.000742 \$0.00 2019 Common Costs D2016*E2008 0.000742 \$0.00 2019 Common Costs D2016*E2008 0.000742 \$0.00 2				
1998 Network Support Assets D1998*E1994 0.014074 \$0.25 1999 General Support Assets D1999*E1994 0.057904 \$1.05 2000 General Purpose Computers D2000*E1994 0.040926 \$0.74 2001 Uncollectible D2001*E1994 0.001136 \$0.02 2002 Accounting & Finance Expense D2002*E1994 0.010471 \$0.19 2003 Human Resources Expense D2003*E1994 0.068149 \$1.23 2004 Information Management Expense D2004*E1994 0.068149 \$1.23 2005 Intangibles D2005*E1994 0.002634 \$0.05 2006 Directly Attributed Costs Sum(E1997:E2005) \$4.72 2007 Sum(E1997:E2005) \$4.72 2009 E1997+E2006 \$22.79 2009 E1997+E2006 \$22.79 2009 E1997+E2006 \$20.79 2010 Common 2011 Executive Expense D2011*E2008 0.008052 \$0.18 2012 Planning Expense D2012*E2008 0.009631 \$0.22 2013 External Relations Expense D2013*E2008 0.009631 \$0.22 2014 Legal Expense D2014*E2008 <td></td> <td>5.00=±=</td> <td></td> <td></td>		5.00=±=		
1999 General Support Assets				
2000 General Purpose Computers D2000*E1994 0.040926 \$0.74 2001 Uncollectible D2001*E1994 0.001136 \$0.02 2002 Accounting & Finance Expense D2002*E1994 0.010471 \$0.19 2003 Human Resources Expense D2003*E1994 0.09808 \$0.18 2004 Information Management Expense D2004*E1994 0.068149 \$1.23 2005 Intangibles D2005*E1994 0.002634 \$0.05 2006 Directly Attributed Costs Sum(E1997:E2005) \$4.72 2007 Sum(E1997:E2005) \$22.79 2009 Total Executive Expense \$22.79 2009 \$2010 Common \$22.79 2011 Executive Expense D2011*E2008 0.008052 \$0.18 2012 Planning Expense D2012*E2008 0.00682 \$0.02 2013 External Relations Expense D2013*E2008 0.009631 \$0.22 2014 Legal Expense D2014*E2008 0.009631 \$0.22 2015 Other Procurement Expense D2015*E2008 0.002772 \$0.06 2016 Research & Development Expense D				
D2001*E1994 0.001136 \$0.02				
D2002 Accounting & Finance Expense D2002*E1994 0.010471 \$0.19				
D2003 Human Resources Expense D2004*E1994 0.009808 \$0.18				
D2004 Information Management Expense D2004*E1994 0.068149 \$1.23				
Directly Attributed Costs D2005*E1994 0.002634 \$0.05	·			
Sum(E1997:E2005) \$4.72				
2007 2008 TELRIC			0.002634	
2008 TELRIC £1997+£2006 \$22.79 2009 2010 Common 2011 Executive Expense D2011*£2008 0.008052 \$0.18 2012 Planning Expense D2012*£2008 0.000682 \$0.02 2013 External Relations Expense D2013*£2008 0.009631 \$0.22 2014 Legal Expense D2014*£2008 0.007338 \$0.17 2015 Other Procurement Expense D2015*£2008 0.002772 \$0.06 2016 Research & Development Expense D2016*£2008 0.000042 \$0.00 2017 Other General and Admin Expense D2017*£2008 0.019104 \$0.44 2018 Common Costs Sum(£2011:£2017) \$1.09		Sum(E1997:E2005)		\$4.72
2009 2010 Common 2011 Executive Expense D2011*E2008 0.008052 \$0.18 2012 Planning Expense D2012*E2008 0.000682 \$0.02 2013 External Relations Expense D2013*E2008 0.009631 \$0.22 2014 Legal Expense D2014*E2008 0.007338 \$0.17 2015 Other Procurement Expense D2015*E2008 0.002772 \$0.06 2016 Research & Development Expense D2016*E2008 0.000042 \$0.00 2017 Other General and Admin Expense D2017*E2008 0.019104 \$0.44 2018 Common Costs Sum(E2011:E2017) \$1.09		F1997+F2006		\$22.79
2010 Common D2011*E2008 0.008052 \$0.18 2011 Executive Expense D2012*E2008 0.000682 \$0.02 2013 External Relations Expense D2013*E2008 0.009631 \$0.22 2014 Legal Expense D2014*E2008 0.007338 \$0.17 2015 Other Procurement Expense D2015*E2008 0.002772 \$0.06 2016 Research & Development Expense D2016*E2008 0.000042 \$0.00 2017 Other General and Admin Expense D2017*E2008 0.019104 \$0.44 2018 Common Costs Sum(E2011:E2017) \$1.09				Ψ.Σ σ
2012 Planning Expense D2012*E2008 0.000682 \$0.02 2013 External Relations Expense D2013*E2008 0.009631 \$0.22 2014 Legal Expense D2014*E2008 0.007338 \$0.17 2015 Other Procurement Expense D2015*E2008 0.002772 \$0.06 2016 Research & Development Expense D2016*E2008 0.000042 \$0.00 2017 Other General and Admin Expense D2017*E2008 0.019104 \$0.44 2018 Common Costs Sum(E2011:E2017) \$1.09				
2012 Planning Expense D2012*E2008 0.000682 \$0.02 2013 External Relations Expense D2013*E2008 0.009631 \$0.22 2014 Legal Expense D2014*E2008 0.007338 \$0.17 2015 Other Procurement Expense D2015*E2008 0.002772 \$0.06 2016 Research & Development Expense D2016*E2008 0.000042 \$0.00 2017 Other General and Admin Expense D2017*E2008 0.019104 \$0.44 2018 Common Costs Sum(E2011:E2017) \$1.09	2011 Executive Expense	D2011*E2008	0.008052	\$0.18
2013 External Relations Expense D2013*E2008 0.009631 \$0.22 2014 Legal Expense D2014*E2008 0.007338 \$0.17 2015 Other Procurement Expense D2015*E2008 0.002772 \$0.06 2016 Research & Development Expense D2016*E2008 0.000042 \$0.00 2017 Other General and Admin Expense D2017*E2008 0.019104 \$0.44 2018 Common Costs Sum(E2011:E2017) \$1.09				
2014 Legal Expense D2014*E2008 0.007338 \$0.17 2015 Other Procurement Expense D2015*E2008 0.002772 \$0.06 2016 Research & Development Expense D2016*E2008 0.000042 \$0.00 2017 Other General and Admin Expense D2017*E2008 0.019104 \$0.44 2018 Common Costs Sum(E2011:E2017) \$1.09		D2013*E2008		
2015 Other Procurement Expense D2015*E2008 0.002772 \$0.06 2016 Research & Development Expense D2016*E2008 0.000042 \$0.00 2017 Other General and Admin Expense D2017*E2008 0.019104 \$0.44 2018 Common Costs Sum(E2011:E2017) \$1.09 2019 Sum(E2011:E2017) \$1.09		D2014*E2008	0.007338	
2016 Research & Development Expense D2016*E2008 0.000042 \$0.00 2017 Other General and Admin Expense D2017*E2008 0.019104 \$0.44 2018 Common Costs Sum(E2011:E2017) \$1.09 2019 \$1.09		D2015*E2008	0.002772	
2017 Other General and Admin Expense D2017*E2008 0.019104 \$0.44 2018 Common Costs Sum(E2011:E2017) \$1.09 2019		D2016*E2008	0.000042	
2018 Common Costs Sum(E2011:E2017) \$1.09 2019				
2019		Sum(E2011:E2017)		\$1.09
2020 TELRIC + Common Costs E2008+E2018 \$23.88	2019	·		
	2020 TELRIC + Common Costs	E2008+E2018		\$23.88

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Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes B	#1 C	#2 D	#3	#4	(Minutes)	/Hour	Cost
A	В	C	D	E	F	B * (C Thru F)	Н	H * (G/60)
DS1,DS3,OCN CAPABLE LOOP BASIC INSTALL WITH COOPERATIVE TEST (NEW SERVICE)) FIRST Install - MAN	IUAL						
<u>*ADD*</u>								
INTERCONNECT SERVICE CENTER (ICS)								
.7 probability reflects 30% reduction to work time estimates ordered.								
REVIEW LSR	0.5	1.000			0.700	0.35	\$39.16	\$0.2
VERIFY CFA IN TIRKS	2.5	1.000			0.700	1.75	\$39.16	\$1.
DET CP, ORD TYPE, OPTION	2.5	1.000			0.700	1.75	\$39.16	\$1.
VERIFY Q SERV TO BE DISC	1	1.000			0.700	0.70	\$39.16	\$0.
DETERMINE DIRECTORY AD	1	1.000			0.700	0.70	\$39.16	\$0.4
DET IF END USER Q RETAIL	1	1.000			0.700	0.70	\$39.16	\$0.
ACCESS TAG FOR CO ADDRESS	1	1.000			0.700	0.70	\$39.16	\$0.4
DETERMINE CRITICAL DATES	2	1.000			0.700	1.40	\$39.16	\$0.9
.5 probability is % accounts forecasted to have directory advertising	2	0.500			0.700	4.05	#20.40	фо.
RÉMOVE DA ACCOUNT REVIEW FOC	3	0.500			0.700 0.700	1.05 0.70	\$39.16 \$39.16	\$0.
INPUT ORDER TO PROCESSOR	10	1.000 1.000			0.700	7.00	\$39.16	\$0. \$4.
IN OT ORDER TO TROCESSER	10	1.000			0.700	7.00	ψοσ.10	Ψ-1.
Subtotal - INTERCONNECT SERVICE CENTER (ICS)						16.80		\$10.9
								V 1010
PLANT LINE ASSIGNMENT (PLA)								
.15 weighting is probability a Loop order will fall out for manual assistance.								
.7 probability reflects 30% reduction to work time estimates ordered.								
CLEAR RMA	11.25	0.150			0.700	1.18	\$37.78	\$0.7
Subtotal - PLANT LINE ASSIGNMENT (PLA)						1.18		\$0.7
SUBIOIAI - PLANT LINE ASSIGNMENT (FLA)						1.10		φυ.1
<u>DESIGN</u>								
Probabilities are % manual work required. Reciprocal is mechanization rate.								
.7 probability reflects 30% reduction to work time estimates ordered.								
ORDER HANDLING/SCREENING	5	0.200			0.700	0.70	\$44.31	\$0.
GOC ORDER LOG	6	0.200			0.700	0.84	\$44.31	\$0.
ENTER WA MASK	5	0.800			0.700	2.80	\$44.31	\$2.0
PREP LOOP INPUT/DRI	15	0.750			0.700	7.88	\$44.31	\$5.
CIRCUIT DESIGN	30	1.000			0.700	21.00	\$44.31	\$15.
DISTRIBUTE WORD DOC	2	0.900			0.700	1.26	\$44.31	\$0.9
Subtotal - DESIGN						34.48		\$25.4
CENTRAL OFFICE FRAMES								
Jumper count assumes common spot frame. Jumper placed at MDF.								
.7 probability reflects 30% reduction to work time estimates ordered.								
ANALYZE ORDER	5	1.000			0.700	3.50	\$43.81	\$2.5
· · · · · · · · · · · · · · · · · · ·	· ·				550	5.00	Ψ.σ.σι	Ψ=

Qwest Advice No. 3376T Page 60 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	B	C	D	#3 E	F	G	H	
	_	ŭ	-	-	•	B * (C Thru F)	• •	H * (G/60)
DS1,DS3,OCN CAPABLE LOOP BASIC INSTALL WITH COOPERATIVE TEST (NEW SERVICE) FI	RST Install - MAN	UAL (con't)						
COMPLETE LOOP QUALIFICATION	5	1.000			0.700	3.50	\$43.81	\$2.5
COMPLETE CROSS-CONNECT	4	1.000			0.700	2.80	\$43.81	\$2.0
CONTINUITY/STRESS TESTS	60	1.000			0.700	42.00	\$43.81	\$30.6
POST COMPLETE IN WFADI	2	1.000			0.700	1.40	\$43.81	\$1.0
Subtotal - CENTRAL OFFICE FRAMES						53.20		\$38.8
LRAC								
.7 probability reflects 30% reduction to work time estimates ordered.								
SCREEN ORDER	2	1.000			0.700	1.40	\$37.78	\$0.8
LOAD WORK REQUEST TO TECH	5	1.000			0.700	3.50	\$37.78	\$2.2
CLOSE OUT WORK REQUEST	3	1.000			0.700	2.10	\$37.78	\$1.3
COMPLETE WORK IN WFADO	3	1.000			0.700	2.10	\$37.78	\$1.3
Subtotal - LRAC						9.10		\$5.7
INSTALLATION/FIELD TECHNICIAN								
.7 probability reflects 30% reduction to work time estimates ordered.								
TRAVEL TIME	21	1.000			0.700	14.70	\$42.68	\$10.4
0.2 probability is percent of time access/sac point work required.							*	*
AP/SAC POINT WORK	13	0.200			0.700	1.82	\$42.68	\$1.2
CONTACT CCTI TO WORK ORDER	3	1.000			0.700	2.10	\$42.68	\$1.4
COMPLETE CONTINUITY TESTING	15	1.000			0.700	10.50	\$42.68	\$7.4
REPORT TEST RESULTS TO CCTI	2	1.000			0.700	1.40	\$42.68	\$1.0
COMPLETE WITH LRAC	3	1.000			0.700	2.10	\$42.68	\$1.4
Subtotal - INSTALLATION/FIELD TECHNICIAN						32.62		\$23.2
SERVICE DELIVERY IMPLEMENTOR								
.7 probability reflects 30% reduction to work time estimates ordered.								
SCREEN WFA FOR CIRCUIT	15	1.000			0.700	10.50	\$43.81	\$7.6
VERIFY LNO FOR CIRCUIT	10	1.000			0.700	7.00	\$43.81	\$5.
TEST CIRCUIT	60	1.000			0.700	42.00	\$43.81	\$30.0
NOTIFY CUSTOMER	5	1.000			0.700	3.50	\$43.81	\$2.
COMPLETE CIRCUIT IN WFA/C	10	1.000			0.700	7.00	\$43.81	\$5.
Subtotal - SERVICE DELIVERY IMPLEMENTOR						70.00		\$51.1
Fatel Fau Comitor						247.20		¢4FC (
Total For Service:						217.38		\$156.0

Qwest Advice No. 3376T Page 61 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G	Н	
						B * (C Thru F)		H * (G/60)

DS1,DS3,OCN CAPABLE LOOP BASIC INSTALL WITH COOPERATIVE TEST (NEW SERVICE) FIRST Install - MANUAL (con't)

2118			
2119	Cost	Cost	
2120	Calculation	Factor	Cost
2121	ВС	D	E
2122 Directly Assigned			
2123 Product Management Expense	D2123*E2117	0.040393	\$6.3
2124 Sales Expense	D2124*E2117	0.014960	\$2.3
2125 Product Advertising Expense	D2125*E2117	0.000000	\$0.
2126 Business Fees (Other Operating Taxes)	D2126*Sum(E2117:E2125)	0.042595	<u>\$7.</u>
2127 Directly Assigned Costs	Sum(E2117:E2126)		\$15.
2128			
2129 Total Direct Costs	E2117+E2127		\$171.
2130			
2131 Directly Attributed			
2132 Network Operations	D2132*E2129	0.056129	\$9.
2133 Network Support Assets	D2133*E2129	0.014074	\$2.
2134 General Support Assets	D2134*E2129	0.057904	\$9.
2135 General Purpose Computers	D2135*E2129	0.040926	\$7.
2136 Uncollectible	D2136*E2129	0.001136	\$0.
2137 Accounting & Finance Expense	D2137*E2129	0.010471	\$1.
2138 Human Resources Expense	D2138*E2129	0.009808	\$1.
2139 Information Management Expense	D2139*E2129	0.068149	\$11.
2140 Intangibles	D2140*E2129	0.002634	\$0.
2141 Directly Attributed Costs	Sum(E2132:E2140)		\$44.
2142			0010
2143 TELRIC	E2132+E2141		\$216.
2144 2145 Common			
	D0440*F0440	0.000050	C 4
2146 Executive Expense	D2146*E2143 D2147*E2143	0.008052 0.000682	\$1.
2147 Planning Expense			\$0.
2148 External Relations Expense	D2148*E2143	0.009631	\$2.
2149 Legal Expense	D2149*E2143	0.007338	\$1.
2150 Other Procurement Expense	D2150*E2143	0.002772	\$0.
2151 Research & Development Expense	D2151*E2143	0.000042	\$0.
2152 Other General and Admin Expense	D2152*E2143	0.019104	\$4
2153 Common Costs	Sum(E2146:E2152)		\$10
2154			****
2155 TELRIC + Common Costs	E2143+E2153		\$226.

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Study Name: PART D FINAL ORDER NRC STUDY 7246 A Study Year: 2001

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G B * (C Thru F)	Н	I H * (G/60)
						B (C Iniu F)		п (G/60)
DS1,DS3,OCN CAPABLE LOOP BASIC INSTALL WITH COOPERATIVE TEST (NEW SERVICE,	FIRST Disconnect -	MANUAL						
DISCONNECT								
-INTERCONNECT SERVICE CENTER (ICS)								
.7 probability reflects 30% reduction to work time estimates ordered.								
REVIEW LSR	1	1.000			0.700	0.70	\$39.16	\$0.46
VERIFY ACCT OBTAIN INFO	2	1.000			0.700	1.40	\$39.16	\$0.91
INPUT ORDER TO PROCESSOR	8	1.000			0.700	5.60	\$39.16	\$3.65
Subtotal - INTERCONNECT SERVICE CENTER (ICS)						7.70		\$5.03
-DESIGN								
Probabilities are % manual work required. Reciprocal is mechanization rate.								
.7 probability reflects 30% reduction to work time estimates ordered.								
ORDER HANDLING/SCREEN	5	0.100			0.700	0.35	\$44.31	\$0.26
GOC ORDER LOG	6	0.100			0.700	0.42	\$44.31	\$0.31
ENTER WA MASK	5	0.100			0.700	0.35	\$44.31	\$0.26
DISCONNECT CIRCUIT	5	0.100			0.700	0.35	\$44.31	\$0.26
DISTRIBUTE WORD DOC	2	0.100			0.700	0.14	\$44.31	\$0.10
Subtotal - DESIGN						1.61		\$1.19
-CENTRAL OFFICE FRAMES								
Jumper count assumes common spot frame. Jumper removed at MDF.								
.7 probability reflects 30% reduction to work time estimates ordered.								
ANALYZE ORDER	2	1.000				2.00	\$43.81	\$1.46
REMOVE JUMPER	3	1.000				3.00	\$43.81	\$2.19
Subtotal - CENTRAL OFFICE FRAMES						5.00		\$3.65
OFFICIAL DELIVERY INDIFFICIAL								
-SERVICE DELIVERY IMPLEMENTOR								
.7 probability reflects 30% reduction to work time estimates ordered. SCREEN WFA FOR CIRCUIT	5	1.000			0.700	3.50	\$43.81	\$2.56
CONTACT CUSTOMER	5 5	1.000			0.700	3.50	\$43.81	\$2.56
COMPLETE CIRCUIT IN WFA/C	5	1.000			0.700	3.50	\$43.81	\$2.56
Subtotal - SERVICE DELIVERY IMPLEMENTOR						10.50		\$7.67
SUDICIAL - SERVICE DELIVERT IMPLEMENTOR						10.50		φ1.01
Total For Service:						24.81		\$17.53

Qwest Advice No. 3376T Page 63 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G	Н	
						B * (C Thru F)		H * (G/60)

DS1,DS3,OCN CAPABLE LOOP BASIC INSTALL WITH COOPERATIVE TEST (NEW SERVICE) FIRST Disconnect - MANUAL (con't)

2207 Direct Cost			\$17
2208			
2209	Cost	Cost	
2210	Calculation	Factor	Cost
2211	ВС	D	E
2212 Directly Assigned			
2213 Product Management Expense	D2213*E2207	0.040393	\$0
2214 Sales Expense	D2214*E2207	0.014960	\$0
2215 Product Advertising Expense	D2215*E2207	0.000000	\$0
2216 Business Fees (Other Operating Taxes)	D2216*Sum(E2207:E2215)	0.042595	<u>\$(</u>
2217 Directly Assigned Costs	Sum(E2207:E2216)		\$
2218			
2219 Total Direct Costs	E2207+E2217		\$19
2220			
2221 Directly Attributed			
2222 Network Operations	D2222*E2219	0.056129	\$
2223 Network Support Assets	D2223*E2219	0.014074	\$
2224 General Support Assets	D2224*E2219	0.057904	\$
2225 General Purpose Computers	D2225*E2219	0.040926	\$
2226 Uncollectible	D2226*E2219	0.001136	\$
2227 Accounting & Finance Expense	D2227*E2219	0.010471	\$
2228 Human Resources Expense	D2228*E2219	0.009808	\$
2229 Information Management Expense	D2229*E2219	0.068149	\$
2230 Intangibles	D2230*E2219	0.002634	\$
2231 Directly Attributed Costs	Sum(E2222:E2230)		\$
2232			40
2233 TELRIC 2234	E2222+E2231		\$2
2234 2235 Common			
2236 Executive Expense	D2236*E2233	0.008052	\$
2237 Planning Expense	D2236 E2233 D2237*E2233	0.000052	Ф \$
2237 Planning Expense 2238 External Relations Expense	D2237 E2233 D2238*E2233	0.000662	φ \$
2239 Legal Expense	D2236 E2233 D2239*E2233	0.009631	э \$
2239 Legal Expense 2240 Other Procurement Expense	D2239 E2233 D2240*E2233	0.007336	э \$
	D2240°E2233 D2241*E2233	0.002772	\$
2241 Research & Development Expense 2242 Other General and Admin Expense	D2241"E2233 D2242*E2233	0.000042	
		0.019104	\$
2243 Common Costs	Sum(E2236:E2242)		\$
2245 TELRIC + Common Costs	E2233+E2243		\$2
2240 TELRIC + COMMON COSIS	E2233+E2243		Φ Ζ:

Qwest Advice No. 3376T Page 64 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A Study Year: 2001

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	В	С	D	E	F	G B * (C Thru F)	Н	I H * (G/60)
DS1,DS3,OCN CAPABLE LOOP WITH COOPERATIVE TEST (NEW SERVICE) EA ADDL Install -	MECHANIZED							
<u>*ADD*</u>								
-INTERCONNECT SERVICE CENTER (ICS)	•	4 000				0.00	#20.40	#2.00
Provision order	6	1.000				6.00	\$39.16	\$3.92
Subtotal - INTERCONNECT SERVICE CENTER (ICS)						6.00		\$3.92
-PLANT LINE ASSIGNMENT (PLA) .15 weighting is probability a Loop order will fall out for manual assistance7 probability reflects 30% reduction to work time estimates ordered. CLEAR RMA	11.25	0.150			0.700	1.18	\$37.78	\$0.74
Subtotal - PLANT LINE ASSIGNMENT (PLA)						1.18		\$0.74
Probabilities are % manual work required. Reciprocal is mechanization rate. 7 probability reflects 30% reduction to work time estimates ordered. ORDER HANDLING/SCREENING GOC ORDER LOG ENTER WA MASK PREP LOOP INPUT/DRI CIRCUIT DESIGN DISTRIBUTE WORD DOC	5 6 5 15 30 2	0.200 0.200 0.800 0.750 1.000 0.900			0.700 0.700 0.700 0.700 0.700 0.700	0.70 0.84 2.80 7.88 21.00 1.26	\$44.31 \$44.31 \$44.31 \$44.31 \$44.31	\$0.52 \$0.62 \$2.07 \$5.82 \$15.51 \$0.93
Subtotal - DESIGN						34.48		\$25.46
-CENTRAL OFFICE FRAMES Jumper count assumes common spot frame. Jumper placed at MDF7 probability reflects 30% reduction to work time estimates ordered. ANALYZE ORDER COMPLETE LOOP QUALIFICATION COMPLETE CROSS-CONNECT CONTINUITY/STRESS TESTS POST COMPLETE IN WFADI	5 5 4 60 2	1.000 1.000 1.000 1.000 1.000			0.700 0.700 0.700 0.700 0.700	3.50 3.50 2.80 42.00 1.40	\$43.81 \$43.81 \$43.81 \$43.81 \$43.81	\$2.56 \$2.56 \$2.04 \$30.67 \$1.02
Subtotal - CENTRAL OFFICE FRAMES						53.20		\$38.84
-LRAC .7 probability reflects 30% reduction to work time estimates ordered. SCREEN ORDER LOAD WORK REQUEST TO TECH CLOSE OUT WORK REQUEST	2 5 3	1.000 1.000 1.000			0.700 0.700 0.700	1.40 3.50 2.10	\$37.78 \$37.78 \$37.78	\$0.88 \$2.20 \$1.32

Qwest Advice No. 3376T Page 65 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	В	C	D	E	F	G B * (C Thru F)	H	H * (G/60)
DS1,DS3,OCN CAPABLE LOOP WITH COOPERATIVE TEST (NEW SERVICE) EA ADDL II	nstall - MECHANIZED (co	n't)						
COMPLETE WORK IN WFADO	3	1.000			0.700	2.10	\$37.78	\$1.32
Subtotal - LRAC						9.10		\$5.73
-INSTALLATION/FIELD TECHNICIAN								
0.2 probability is percent of time access/sac point work required.								
.7 probability reflects 30% reduction to work time estimates ordered.								
AP/SAC POINT WORK	13	0.200			0.700	1.82	\$42.68	\$1.29
COMPLETE CONTINUITY TESTING	15	1.000			0.700	10.50	\$42.68	\$7.47
REPORT TEST RESULTS TO CCTI	2	1.000			0.700	1.40	\$42.68	\$1.00
COMPLETE WITH LRAC	1	1.000			0.700	0.70	\$42.68	\$0.50
Subtotal - INSTALLATION/FIELD TECHNICIAN						14.42		\$10.26
-SERVICE DELIVERY IMPLEMENTOR								
.7 probability reflects 30% reduction to work time estimates ordered.								
SCREEN WFA FOR CIRCUIT	15	1.000			0.700	10.50	\$43.81	\$7.67
VERIFY LNO FOR CIRCUIT	10	1.000			0.700	7.00	\$43.81	\$5.11
TEST CIRCUIT	60	1.000			0.700	42.00	\$43.81	\$30.67
NOTIFY CUSTOMER	5	1.000			0.700	3.50	\$43.81	\$2.56
COMPLETE CIRCUIT IN WFA/C	10	1.000			0.700	7.00	\$43.81	\$5.11
Subtotal - SERVICE DELIVERY IMPLEMENTOR						70.00		\$51.11
Total For Service:						188.38		\$136.06

Qwest Advice No. 3376T Page 66 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G	Н	
						B * (C Thru F)		H * (G/60)

DS1,DS3,OCN CAPABLE LOOP WITH COOPERATIVE TEST (NEW SERVICE) EA ADDL Install - MECHANIZED (con't)

2342 Direct Cost			\$136.06
2343			
2344	Cost	Cost	
2345	Calculation	Factor	Cost
2346	ВС	D	E
2347 Directly Assigned			
2348 Product Management Expense	D2348*E2342	0.040393	\$5.50
2349 Sales Expense	D2349*E2342	0.014960	\$2.04
2350 Product Advertising Expense	D2350*E2342	0.000000	\$0.00
2351 Business Fees (Other Operating Taxes)	D2351*Sum(E2342:E2350)	0.042595	\$6.12
2352 Directly Assigned Costs	Sum(E2342:E2351)		\$13.65
2353			'
2354 Total Direct Costs	E2342+E2352		\$149.71
2355			
2356 Directly Attributed			
2357 Network Operations	D2357*E2354	0.056129	\$8.40
2358 Network Support Assets	D2358*E2354	0.014074	\$2.11
2359 General Support Assets	D2359*E2354	0.057904	\$8.67
2360 General Purpose Computers	D2360*E2354	0.040926	\$6.13
2361 Uncollectible	D2361*E2354	0.001136	\$0.17
2362 Accounting & Finance Expense	D2362*E2354	0.010471	\$1.57
2363 Human Resources Expense	D2363*E2354	0.009808	\$1.47
2364 Information Management Expense	D2364*E2354	0.068149	\$10.20
2365 Intangibles	D2365*E2354	0.002634	\$0.39
2366 Directly Attributed Costs	Sum(E2357:E2365)		\$39.11
2367			
2368 TELRIC	E2357+E2366		\$188.82
2369			
2370 Common			
2371 Executive Expense	D2371*E2368	0.008052	\$1.52
2372 Planning Expense	D2372*E2368	0.000682	\$0.13
2373 External Relations Expense	D2373*E2368	0.009631	\$1.82
2374 Legal Expense	D2374*E2368	0.007338	\$1.39
2375 Other Procurement Expense	D2375*E2368	0.002772	\$0.52
2376 Research & Development Expense	D2376*E2368	0.000042	\$0.01
2377 Other General and Admin Expense	D2377*E2368	0.019104	\$3.61
2378 Common Costs	Sum(E2371:E2377)		\$8.99
2379			
2380 TELRIC + Common Costs	E2368+E2378		\$197.81

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Study Name: PART D FINAL ORDER NRC STUDY 7246 A Study Year: 2001

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G	Н	1
						B * (C Thru F)		H * (G/60)
DS1,DS3,OCN CAPABLE LOOP WITH COOPERATIVE TEST (NEW SERVICE) EA ADDL Discor	nect - MECHANIZE	D						
DISCONNECT								
-INTERCONNECT SERVICE CENTER (ICS)								
Provision order	6	1.000				6.00	\$39.16	\$3.92
Subtotal - INTERCONNECT SERVICE CENTER (ICS)						6.00		\$3.92
-DESIGN								
Probabilities are % manual work required. Reciprocal is mechanization rate.								
.7 probability reflects 30% reduction to work time estimates ordered.								
ORDER HANDLING/SCREEN	5	0.100			0.700	0.35	\$44.31	\$0.26
GOC ORDER LOG	6	0.100			0.700	0.42	\$44.31	\$0.31
ENTER WA MASK	5	0.100			0.700	0.35	\$44.31	\$0.26
DISCONNECT CIRCUIT	5	0.100			0.700	0.35	\$44.31	\$0.26
DISTRIBUTE WORD DOC	2	0.100			0.700	0.14	\$44.31	\$0.10
Subtotal - DESIGN						1.61		\$1.19
								•
-CENTRAL OFFICE FRAMES								
Jumper count assumes common spot frame. Jumper removed at MDF.								4
ANALYZE ORDER	2	1.000				2.00	\$43.81	\$1.46
REMOVE JUMPER	3	1.000				3.00	\$43.81	\$2.19
Subtotal - CENTRAL OFFICE FRAMES						5.00		\$3.65
Total For Service:						12.61		\$8.76
1.5						.=		40 6

Qwest Advice No. 3376T Page 68 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G	Н	
						B * (C Thru F)		H * (G/60)

DS1,DS3,OCN CAPABLE LOOP WITH COOPERATIVE TEST (NEW SERVICE) EA ADDL Disconnect - MECHANIZED (con't)

2432 Direct Cost			\$8.76
2433			
2434	Cost	Cost	
2435	Calculation	Factor	Cost
2436	В С	D	E
2437 Directly Assigned			
2438 Product Management Expense	D2438*E2432	0.040393	\$0.35
2439 Sales Expense	D2439*E2432	0.014960	\$0.13
2440 Product Advertising Expense	D2440*E2432	0.000000	\$0.00
2441 Business Fees (Other Operating Taxes)	D2441*Sum(E2432:E2440)	0.042595	\$0.39
2442 Directly Assigned Costs	Sum(E2432:E2441)		\$0.88
2443			
2444 Total Direct Costs	E2432+E2442		\$9.63
2445			
2446 Directly Attributed			
2447 Network Operations	D2447*E2444	0.056129	\$0.54
2448 Network Support Assets	D2448*E2444	0.014074	\$0.14
2449 General Support Assets	D2449*E2444	0.057904	\$0.56
2450 General Purpose Computers	D2450*E2444	0.040926	\$0.39
2451 Uncollectible	D2451*E2444	0.001136	\$0.01
2452 Accounting & Finance Expense	D2452*E2444	0.010471	\$0.10
2453 Human Resources Expense	D2453*E2444	0.009808	\$0.09
2454 Information Management Expense	D2454*E2444	0.068149	\$0.66
2455 Intangibles	D2455*E2444	0.002634	\$0.03
2456 Directly Attributed Costs	Sum(E2447:E2455)		\$2.52
2457 2458 TELRIC	E2447+E2456		\$12.15
2459 TELRIC 2459	E2447+E2430		\$12.15
2459 2460 Common			
2461 Executive Expense	D2461*E2458	0.008052	\$0.10
2462 Planning Expense	D2461 E2436 D2462*E2458	0.000682	\$0.10
2463 External Relations Expense	D2462 E2458	0.009631	\$0.01
2464 Legal Expense	D2463 E2436 D2464*E2458	0.009031	\$0.09
2465 Other Procurement Expense	D2464 E2438	0.007338	\$0.03
2466 Research & Development Expense	D2465 E2458	0.002772	\$0.00
2467 Other General and Admin Expense	D2400 E2430 D2467*E2458	0.019104	\$0.23
2468 Common Costs	Sum(E2461:E2467)	0.010104	\$0.58
2469	Outil(L2401.L2401)		ψ0.30
2470 TELRIC + Common Costs	E2458+E2468		\$12.73
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Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G B * (C Thru F)	Н	I H * (G/60)
DS1,DS3,OCN CAPABLE LOOP WITH COOPERATIVE TEST (NEW SERVICE) EA ADDL Install -	MANUAL							
ADD								
-INTERCONNECT SERVICE CENTER (ICS) .7 probability reflects 30% reduction to work time estimates ordered. INPUT ORDER TO PROCESSOR	10	1.000			0.700	7.00	\$39.16	\$4.57
Subtotal - INTERCONNECT SERVICE CENTER (ICS)						7.00		\$4.57
-PLANT LINE ASSIGNMENT (PLA) .15 weighting is probability a Loop order will fall out for manual assistance7 probability reflects 30% reduction to work time estimates ordered. CLEAR RMA	11.25	0.150			0.700	1.18	\$37.78	\$0.74
Subtotal - PLANT LINE ASSIGNMENT (PLA)						1.18		\$0.74
-DESIGN Probabilities are % manual work required. Reciprocal is mechanization rate7 probability reflects 30% reduction to work time estimates ordered. ORDER HANDLING/SCREENING GOC ORDER LOG ENTER WA MASK PREP LOOP INPUT/DRI CIRCUIT DESIGN DISTRIBUTE WORD DOC	5 6 5 15 30 2	0.200 0.200 0.800 0.750 1.000 0.900			0.700 0.700 0.700 0.700 0.700 0.700	0.70 0.84 2.80 7.88 21.00	\$44.31 \$44.31 \$44.31 \$44.31 \$44.31	\$0.52 \$0.62 \$2.07 \$5.82 \$15.51
Subtotal - DESIGN						34.48		\$25.46
-CENTRAL OFFICE FRAMES Jumper count assumes common spot frame. Jumper placed at MDF7 probability reflects 30% reduction to work time estimates ordered. ANALYZE ORDER COMPLETE LOOP QUALIFICATION COMPLETE CROSS-CONNECT CONTINUITY/STRESS TESTS POST COMPLETE IN WFADI	5 5 4 60 2	1.000 1.000 1.000 1.000 1.000			0.700 0.700 0.700 0.700 0.700	3.50 3.50 2.80 42.00 1.40	\$43.81 \$43.81 \$43.81 \$43.81 \$43.81	\$2.56 \$2.56 \$2.04 \$30.67 \$1.02
Subtotal - CENTRAL OFFICE FRAMES						53.20		\$38.84
-LRAC .7 probability reflects 30% reduction to work time estimates ordered. SCREEN ORDER LOAD WORK REQUEST TO TECH	2 5	1.000 1.000			0.700 0.700	1.40 3.50	\$37.78 \$37.78	\$0.88 \$2.20

Qwest Advice No. 3376T Page 70 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	В	C	D	E	F	G B * (C Thru F)	Н	H * (G/60)
DS1,DS3,OCN CAPABLE LOOP WITH COOPERATIVE TEST (NEW SERVICE) EA ADDL Install	I - MANUAL (con't)							
CLOSE OUT WORK REQUEST COMPLETE WORK IN WFADO	3 3	1.000 1.000			0.700 0.700	2.10 2.10	\$37.78 \$37.78	\$1.32 \$1.32
Subtotal - LRAC						9.10		\$5.73
-INSTALLATION/FIELD TECHNICIAN 0.2 probability is percent of time access/sac point work required7 probability reflects 30% reduction to work time estimates ordered. AP/SAC POINT WORK COMPLETE CONTINUITY TESTING REPORT TEST RESULTS TO CCTI COMPLETE WITH LRAC	13 15 2 1	0.200 1.000 1.000 1.000			0.700 0.700 0.700 0.700	1.82 10.50 1.40 0.70	\$42.68 \$42.68 \$42.68 \$42.68	\$1.29 \$7.47 \$1.00 \$0.50
Subtotal - INSTALLATION/FIELD TECHNICIAN						14.42		\$10.26
-SERVICE DELIVERY IMPLEMENTOR .7 probability reflects 30% reduction to work time estimates ordered. SCREEN WFA FOR CIRCUIT VERIFY LNO FOR CIRCUIT TEST CIRCUIT NOTIFY CUSTOMER COMPLETE CIRCUIT IN WFA/C	15 10 60 5 10	1.000 1.000 1.000 1.000 1.000			0.700 0.700 0.700 0.700 0.700	10.50 7.00 42.00 3.50 7.00	\$43.81 \$43.81 \$43.81 \$43.81 \$43.81	\$7.67 \$5.11 \$30.67 \$2.56 \$5.11
Subtotal - SERVICE DELIVERY IMPLEMENTOR						70.00		\$51.11
Total For Service:						189.38		\$136.72

Qwest Advice No. 3376T Page 71 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	
						B * (C Thru F)		H * (G/60)

DS1,DS3,OCN CAPABLE LOOP WITH COOPERATIVE TEST (NEW SERVICE) EA ADDL Install - MANUAL (con't)

2569	Cost	Cost	
2570	Calculation	Factor	Cost
2571	ВС	D	E
2572 Directly Assigned	-		
2573 Product Management Expense	D2573*E2567	0.040393	\$5.52
2574 Sales Expense	D2574*E2567	0.014960	\$2.0
2575 Product Advertising Expense	D2575*E2567	0.000000	\$0.00
2576 Business Fees (Other Operating Taxes)	D2576*Sum(E2567:E2575)	0.042595	\$6.1
2577 Directly Assigned Costs	Sum(E2567:E2576)		\$13.7
2578			
2579 Total Direct Costs	E2567+E2577		\$150.4
2580			
2581 Directly Attributed			
2582 Network Operations	D2582*E2579	0.056129	\$8.4
2583 Network Support Assets	D2583*E2579	0.014074	\$2.1
2584 General Support Assets	D2584*E2579	0.057904	\$8.7
2585 General Purpose Computers	D2585*E2579	0.040926	\$6.10
2586 Uncollectible	D2586*E2579	0.001136	\$0.1
2587 Accounting & Finance Expense	D2587*E2579	0.010471	\$1.5
2588 Human Resources Expense	D2588*E2579	0.009808	\$1.48
2589 Information Management Expense	D2589*E2579	0.068149	\$10.2
2590 Intangibles	D2590*E2579	0.002634	\$0.4
2591 Directly Attributed Costs	Sum(E2582:E2590)		\$39.3
2592 2593 TELRIC	E2582+E2591		\$189.7
2594 2594	E2362+E2391		φ109.7
2595 Common			
2596 Executive Expense	D2596*E2593	0.008052	\$1.5
2597 Planning Expense	D2597*E2593	0.000682	\$0.1
2598 External Relations Expense	D2598*E2593	0.009631	\$1.8
	D2599*E2593	0.007338	\$1.3
2599 Legal Expense	D2600*E2593	0.007330	\$0.5
2599 Legal Expense 2600 Other Progurement Expense			\$0.0
2600 Other Procurement Expense	D2601*F2593	0.000042	
2600 Other Procurement Expense 2601 Research & Development Expense	D2601*E2593 D2602*E2593	0.000042	
2600 Other Procurement Expense 2601 Research & Development Expense 2602 Other General and Admin Expense	D2602*E2593	0.000042 0.019104	\$3.6
2600 Other Procurement Expense 2601 Research & Development Expense			\$3.62 \$9.03

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Study Name: PART D FINAL ORDER NRC STUDY 7246 A Study Year: 2001

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	В	С	D	Е	F	G B * (C Thru F)	Н	I H * (G/60)
DS1,DS3,OCN CAPABLE LOOP WITH COOPERATIVE TEST (NEW SERVICE) EA ADDL Discon	nect - MANUAL							
DISCONNECT								
-INTERCONNECT SERVICE CENTER (ICS)								
Applied 6 min. to match mechanized time. INPUT ORDER TO PROCESSOR	6	1.000				6.00	\$39.16	\$3.9
Subtotal - INTERCONNECT SERVICE CENTER (ICS)						6.00		\$3.9
-DESIGN								
Probabilities are % manual work required. Reciprocal is mechanization rate.								
.7 probability reflects 30% reduction to work time estimates ordered. ORDER HANDLING/SCREEN	5	0.100			0.700	0.35	\$44.31	\$0.2
GOC ORDER LOG	5 6	0.100			0.700	0.35	\$44.31	\$0.2 \$0.3
ENTER WA MASK	5	0.100			0.700	0.35	\$44.31	\$0.2
DISCONNECT CIRCUIT	5	0.100			0.700	0.35	\$44.31	\$0.2
DISTRIBUTE WORD DOC	2	0.100			0.700	0.14	\$44.31	\$0.1
Subtotal - DESIGN						1.61		\$1.19
-CENTRAL OFFICE FRAMES								
Jumper count assumes common spot frame. Jumper removed at MDF.								
ANALYZE ORDER	2	1.000				2.00	\$43.81	\$1.4
REMOVE JUMPER	3	1.000				3.00	\$43.81	\$2.19
Subtotal - CENTRAL OFFICE FRAMES						5.00		\$3.6
Total For Service:						12.61		\$8.70

Qwest Advice No. 3376T Page 73 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G	Н	
						B * (C Thru F)		H * (G/60)

DS1,DS3,OCN CAPABLE LOOP WITH COOPERATIVE TEST (NEW SERVICE) EA ADDL Disconnect - MANUAL (con't)

2657 Direct Cost			\$8.76
2658	<u> </u>		
2659	Cost	Cost	
2660	Calculation	Factor	Cost
2661	ВС	D	E
2662 Directly Assigned			
2663 Product Management Expense	D2663*E2657	0.040393	\$0.35
2664 Sales Expense	D2664*E2657	0.014960	\$0.13
2665 Product Advertising Expense	D2665*E2657	0.000000	\$0.00
2666 Business Fees (Other Operating Taxes)	D2666*Sum(E2657:E2665)	0.042595	<u>\$0.39</u>
2667 Directly Assigned Costs	Sum(E2657:E2666)		\$0.88
2668			
2669 Total Direct Costs	E2657+E2667		\$9.63
2670			
2671 Directly Attributed			_
2672 Network Operations	D2672*E2669	0.056129	\$0.54
2673 Network Support Assets	D2673*E2669	0.014074	\$0.14
2674 General Support Assets	D2674*E2669	0.057904	\$0.56
2675 General Purpose Computers	D2675*E2669	0.040926	\$0.39
2676 Uncollectible	D2676*E2669	0.001136	\$0.01
2677 Accounting & Finance Expense	D2677*E2669	0.010471	\$0.10
2678 Human Resources Expense	D2678*E2669	0.009808	\$0.09
2679 Information Management Expense	D2679*E2669	0.068149	\$0.66
2680 Intangibles	D2680*E2669	0.002634	\$0.03
2681 Directly Attributed Costs	Sum(E2672:E2680)		\$2.52
2682			010.15
2683 TELRIC	E2672+E2681		\$12.15
2684			
2685 Common			
2686 Executive Expense	D2686*E2683	0.008052	\$0.10
2687 Planning Expense	D2687*E2683	0.000682	\$0.01
2688 External Relations Expense	D2688*E2683	0.009631	\$0.12
2689 Legal Expense	D2689*E2683	0.007338	\$0.09
2690 Other Procurement Expense	D2690*E2683	0.002772	\$0.03
2691 Research & Development Expense	D2691*E2683	0.000042	\$0.00
2692 Other General and Admin Expense	D2692*E2683	0.019104	\$0.23
2693 Common Costs	Sum(E2686:E2692)		\$0.58
2694			010 ==
2695 TELRIC + Common Costs	E2683+E2693		\$12.73

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Study Name: PART D FINAL ORDER NRC STUDY 7246 A Study Year: 2001

Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	В	С	D	E	F	G B * (C Thru F)	Н	I H * (G/60)
UDIT M1-3 MULTIPLEXING INSTALL mechanized								
ADD								
-SERVICE DELIVERY COORDINATOR								
.7 probability reflects 30% reduction to work time estimates ordered. VERIFY ASR HIGH SIDE ORDERS VERIFY ASR LOW SIDE ORDERS VERIFY COPROVIDER CHECK BILLING CHECKLIST VERIFY POA VERIFY TAXI CREDIT INFO/SECURITY INTRA-CO CALLS CHECK CONTRACT ON FOC FOC CHECK CONTRACT INTERVALS CHECK BILLING CHECKLIST RATE ORDER DISTRIBUTION ORD COMPLETION /VALIDATION CHECK WFA EXACT COMPLETION CHECK ORDER IN IABS	5 2 15 5 1 2 5 5 5 1 5 10 5 3 2 2 2	1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	2.000 29.000 29.000 29.000 29.000 29.000		0.700 0.700 0.700 0.700 0.700 0.700 0.700 0.700 0.700 0.700 0.700 0.700 0.700 0.700 0.700	3.50 1.40 10.50 3.50 0.70 1.40 3.50 7.00 3.50 0.70 3.50 7.00 101.50 60.90 40.60 40.60	\$40.03 \$40.03 \$40.03 \$40.03 \$40.03 \$40.03 \$40.03 \$40.03 \$40.03 \$40.03 \$40.03 \$40.03 \$40.03 \$40.03 \$40.03	\$2.34 \$0.93 \$7.01 \$2.34 \$0.47 \$0.93 \$2.34 \$4.67 \$2.34 \$4.67 \$67.72 \$40.63 \$27.09 \$27.09
Subtotal - SERVICE DELIVERY COORDINATOR		1.000	23.000		0.700	330.40	ψ+0.00	\$220.43
-DESIGN Probabilities are % manual work required. 29 probability represents the number of orders processed for an m1-3 mux, 1 order for the high side and 28 orders for the low side of the mux. Probabilities are % manual work required. Reciprocal is mechanization rate7 probability reflects 30% reduction to work time estimates ordered. ORDER HANDLING/SCREENING GOC ORDER LOG ENTER WA MASK PREP LOOP INPUT/DRI CIRCUIT DESIGN DISTRIBUTE WORD DOC ORDER HANDLING/SCREENING GOC ORDER LOG ENTER WA MASK PREP LOOP/DRI INPUT CIRCUIT DESIGN	5 6 5 15 30 2 2 2 2 2 2 5	0.200 0.200 0.800 0.750 1.000 0.900 0.200 0.200 0.800 0.750 1.000	28.000 28.000 28.000 28.000 28.000		0.700 0.700 0.700 0.700 0.700 0.700 0.700 0.700 0.700 0.700	0.70 0.84 2.80 7.88 21.00 1.26 7.84 7.84 31.36 29.40	\$44.31 \$44.31 \$44.31 \$44.31 \$44.31 \$44.31 \$44.31 \$44.31 \$44.31	\$0.52 \$0.62 \$2.07 \$5.82 \$15.51 \$0.93 \$5.79 \$5.79 \$23.16 \$21.71 \$72.37

Qwest Advice No. 3376T Page 75 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	В	C	D	Ē	F	G B * (C Thru F)	Н	I H * (G/60)
UDIT M1-3 MULTIPLEXING INSTALL mechanized (con't)						, ,		, ,
Subtotal - DESIGN						244.20		\$180.3
oublotal - DEGION						244.20		ψ100.0
-CENTRAL OFFICE FRAMES								
29 probability represents the number of orders processed for an m1-3 mux,								
1 order for the high side and 28 orders for the low side of the mux.								
.7 probability reflects 30% reduction to work time estimates ordered.								
ANALYZE ORDER	5	1.000			0.700	3.50	\$43.81	\$2.5
DSX3 CROSS-CONNECT	4	1.000			0.700	2.80	\$43.81	\$2.0
PLACE LOOPBACK TEST PLUG	2	1.000			0.700	1.40	\$43.81	\$1.0
HIGH SIDE CONFORMANCE TEST	5	1.000			0.700	3.50	\$43.81	\$2.5
POST COMPLETE IN WFA-DI	2	1.000			0.700	1.40	\$43.81	\$1.0
COMPLETE WITH CCT-I	3	1.000			0.700	2.10	\$43.81	\$1.5
ANALYZE ORDER	2	28.000			0.700	39.20	\$43.81	\$28.6
DSX3 CROSS-CONNECT	4	28.000			0.700	78.40	\$43.81	\$57.2
PLACE LOOPBACK TEST PLUG	2	28.000			0.700	39.20	\$43.81	\$28.6
LOW SIDE CONFORMANCE TEST	15	1.000			0.700	10.50	\$43.81	\$7.6
POST COMPLETE IN WFA-DI	2	28.000			0.700	39.20	\$43.81	\$28.6
COMPLETE WITH CCT-I	2	28.000			0.700	39.20	\$43.81	\$28.6
Subtotal - CENTRAL OFFICE FRAMES						260.40		\$190.1
OFFICIAL DELIVERY INDIFFICATION								
-SERVICE DELIVERY IMPLEMENTOR 29 probability represents the number of orders processed for an m1-3 mux,								
1 order for the high side and 28 orders for the low side of the mux7 probability reflects 30% reduction to work time estimates ordered.								
SCREEN WFA FOR CIRCUIT	10	1.000			0.700	7.00	\$43.81	\$5.1
VERIFY LNO COMPLETION	10	1.000			0.700	7.00	\$43.81	\$5.1
NOTIFY CUSTOMER	5	1.000			0.700	3.50	\$43.81	\$2.5
COMPLETE CIRCUIT IN WFA/C	10	1.000			0.700	7.00	\$43.81	φ2.5 \$5.1
SCREEN WFA FOR CIRCUIT	2	28.000			0.700	39.20	\$43.81	\$28.6
VERIFY LNO COMPLETION	10	1.000			0.700	7.00	\$43.81	ֆ∠o.ն \$5.1
NOTIFY CUSTOMER		28.000			0.700		\$43.81 \$43.81	\$5.1 \$14.3
COMPLETE CIRCUIT IN WFA/C	1 2	28.000 28.000			0.700	19.60 39.20	\$43.81 \$43.81	\$14.3 \$28.6
COMPLETE CIRCUIT IN WPA/C	2	26.000			0.700	39.20	Ф43.01	\$∠0.0
Subtotal - SERVICE DELIVERY IMPLEMENTOR						129.50		\$94.5
Total For Service:						964.50		\$685.4
Total For Scratce.						304.30		φ000.4t

Qwest Advice No. 3376T Page 76 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G	Н	
						B * (C Thru F)		H * (G/60)

UDIT M1-3 MULTIPLEXING INSTALL mechanized (con't)

2792 Direct Cost			\$685
2793			
2794	Cost	Cost	_
2795	Calculation	Factor	Cost
2796	ВС	D	E
2797 Directly Assigned			
2798 Product Management Expense	D2798*E2792	0.040393	\$27
2799 Sales Expense	D2799*E2792	0.014960	\$10
2800 Product Advertising Expense	D2800*E2792	0.000000	\$0
2801 Business Fees (Other Operating Taxes)	D2801*Sum(E2792:E2800)	0.042595	<u>\$3</u>
2802 Directly Assigned Costs	Sum(E2792:E2801)		\$6
2803			
2804 Total Direct Costs	E2792+E2802		\$75
2805			
2806 Directly Attributed			
2807 Network Operations	D2807*E2804	0.056129	\$4
2808 Network Support Assets	D2808*E2804	0.014074	\$1
2809 General Support Assets	D2809*E2804	0.057904	\$4
2810 General Purpose Computers	D2810*E2804	0.040926	\$3
2811 Uncollectible	D2811*E2804	0.001136	\$
2812 Accounting & Finance Expense	D2812*E2804	0.010471	\$
2813 Human Resources Expense	D2813*E2804	0.009808	\$
2814 Information Management Expense	D2814*E2804	0.068149	\$5
2815 Intangibles	D2815*E2804	0.002634	\$
2816 Directly Attributed Costs	Sum(E2807:E2815)		\$19
2817 2818 <i>TELRIC</i>	E2807+E2816		фог
2819	E2007+E2010		\$95
2820 Common			
2821 Executive Expense	D2821*E2818	0.008052	\$
2822 Planning Expense	D2822*E2818	0.006032	\$
2823 External Relations Expense	D2822*E2818	0.009631	\$
2824 Legal Expense	D2824*E2818	0.009631	\$
2825 Other Procurement Expense	D2825*E2818	0.007338	\$
2826 Research & Development Expense	D2826*E2818	0.002772	\$
2827 Other General and Admin Expense	D2827*E2818	0.019104	φ \$1
2828 Common Costs	Sum(E2821:E2827)	0.013104	\$4
2829	Julii(L2021.L2021)		Р Ф
2830 TELRIC + Common Costs	E2818+E2828		\$99

Qwest Advice No. 3376T Page 77 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti Product Group: Interconnection

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	В	С	D	E	F	G B * (C Thru F)	Н	I H * (G/60)
UDIT M1-3 MULTIPLEXING INSTALL manual								
ADD								
-SERVICE DELIVERY COORDINATOR								
.7 probability reflects 30% reduction to work time estimates ordered.	_							
VERIFY ASR HIGH SIDE ORDER	5	1.000			0.700	3.50	\$40.03	\$2.34
VERIFY ASR LOW SIDE ORDERS	2	1.000			0.700	1.40	\$40.03	\$0.93
VERIFY COPROVIDER CHECK BILLING CHECKLIST	15 5	1.000			0.700	10.50	\$40.03 \$40.03	\$7.01 \$2.34
INPUT ASR INTO EXACT	5 8	1.000 1.000	29.000		0.700 0.700	3.50 162.40	\$40.03 \$40.03	\$2.3 4 \$108.35
VERIFY POA	0	1.000	29.000		0.700	0.70	\$40.03	\$0.47
VERIFY TAXI	2	1.000			0.700	1.40	\$40.03	\$0.93
CREDIT INFO/SECURITY	5	1.000			0.700	3.50	\$40.03	\$2.34
INTRA-CO CALLS	5	1.000	2.000		0.700	7.00	\$40.03	\$4.67
CHECK CONTRACT ON FOC	5	1.000	2.000		0.700	3.50	\$40.03	\$2.34
FOC	1	1.000			0.700	0.70	\$40.03	\$0.47
MANUAL FOC	10	1.000	2.000		0.700	14.00	\$40.03	\$9.34
CHECK CONTRACT INTERVALS	5	1.000			0.700	3.50	\$40.03	\$2.34
CHECK BILLING CHECKLIST RATE	10	1.000			0.700	7.00	\$40.03	\$4.67
ORDER DISTRIBUTION	5	1.000	29.000		0.700	101.50	\$40.03	\$67.72
ORD COMPLETION /VALIDATION	3	1.000	29.000		0.700	60.90	\$40.03	\$40.63
CHECK WFA	2	1.000	29.000		0.700	40.60	\$40.03	\$27.09
EXACT COMPLETION	2	1.000	29.000		0.700	40.60	\$40.03	\$27.09
CHECK ORDER IN IABS	2	1.000	29.000		0.700	40.60	\$40.03	\$27.09
Subtotal - SERVICE DELIVERY COORDINATOR						506.80		\$338.12
-DESIGN								
Probabilities are % manual work required. Reciprocal is mechanization rate.								
29 probability represents the number of orders processed for an m1-3 mux,								
1 order for the high side and 28 orders for the low side of the mux.								
Probabilities are % manual work required. Reciprocal is mechanization rate.								
.7 probability reflects 30% reduction to work time estimates ordered. ORDER HANDLING/SCREENING	5	0.200			0.700	0.70	C4404	\$0.52
GOC ORDER LOG	5 6	0.200			0.700	0.70	\$44.31 \$44.31	\$0.52 \$0.62
ENTER WA MASK	5	0.800			0.700	2.80	\$44.31	\$0.02 \$2.07
PREP LOOP INPUT/DRI	15	0.750			0.700	7.88	\$44.31	\$5.82
CIRCUIT DESIGN	30	1.000			0.700	21.00	\$44.31	\$15.51
DISTRIBUTE WORD DOC	2	0.900			0.700	1.26	\$44.31	\$0.93
ORDER HANDLING/SCREENING	2	0.200	28.000		0.700	7.84	\$44.31	\$5.79
GOC ORDER LOG	2	0.200	28.000		0.700	7.84	\$44.31	\$5.79
ENTER WA MASK	2	0.800	28.000		0.700	31.36	\$44.31	\$23.16
PREP LOOP/DRI INPUT	2	0.750	28.000		0.700	29.40	\$44.31	\$21.71
								•

Qwest Advice No. 3376T Page 78 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti
Product Group: Interconnection

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
А	В	С	D	Е	F	G B * (C Thru F)	Н	I H * (G/60)
DIT M1-3 MULTIPLEXING INSTALL manual (con't)								
CIRCUIT DESIGN	5	1.000	28.000		0.700	98.00	\$44.31	\$72
DISTRIBUTE WORD	2	0.900	28.000		0.700	35.28	\$44.31	\$26
ibtotal - DESIGN						244.20		\$180
ENTRAL OFFICE FRAMES								
29 probability represents the number of orders processed for an m1-3 mux,								
1 order for the high side and 28 orders for the low side of the mux.								
.7 probability reflects 30% reduction to work time estimates ordered.	_	4 000			0.700	0.50	040.04	•
ANALYZE ORDER DSX3 CROSS-CONNECT	5 4	1.000			0.700	3.50	\$43.81 \$43.81	\$
PLACE LOOPBACK TEST PLUG	4	1.000 1.000			0.700 0.700	2.80 1.40	\$43.81 \$43.81	3
HIGH SIDE CONFORMANCE TEST	2 5	1.000			0.700	3.50	\$43.81 \$43.81	3
POST COMPLETE IN WFA-DI	2	1.000			0.700	3.50 1.40	\$43.81	
COMPLETE IN WPA-DI	3	1.000			0.700	2.10	\$43.81	3
ANALYZE ORDER	2	28.000			0.700	39.20	\$43.81	\$2
DSX3 CROSS-CONNECT	4	28.000			0.700	78.40	\$43.81	\$5 \$5
PLACE LOOPBACK TEST PLUG	2	28.000			0.700	39.20	\$43.81	\$2
LOW SIDE CONFORMANCE TEST	15	1.000			0.700	10.50	\$43.81	Ψ2
POST COMPLETE IN WFA-DI	2	28.000			0.700	39.20	\$43.81	\$2
COMPLETE WITH CCT-I	2	28.000			0.700	39.20	\$43.81	\$2
total - CENTRAL OFFICE FRAMES						260.40		\$19
RVICE DELIVERY IMPLEMENTOR 29 probability represents the number of orders processed for an m1-3 mux,								
1 order for the high side and 28 orders for the low side of the mux.								
.7 probability reflects 30% reduction to work time estimates ordered.								
SCREEN WFA FOR CIRCUIT	10	1.000			0.700	7.00	\$43.81	9
VERIFY LNO COMPLETION	10	1.000			0.700	7.00	\$43.81	9
NOTIFY CUSTOMER	5	1.000			0.700	3.50	\$43.81	9
COMPLETE CIRCUIT IN WFA/C	10	1.000			0.700	7.00	\$43.81	9
SCREEN WFA FOR CIRCUIT	2	28.000			0.700	39.20	\$43.81	\$2
VERIFY LNO COMPLETION	10	1.000			0.700	7.00	\$43.81	9
NOTIFY CUSTOMER COMPLETE CIRCUIT IN WFA/C	1 2	28.000 28.000			0.700 0.700	19.60 39.20	\$43.81 \$43.81	\$1 \$2
COMPLETE CIRCUIT IN WPA/C	2	26.000			0.700	39.20	⊅43.01	Φ2
total - SERVICE DELIVERY IMPLEMENTOR						129.50		\$9
I For Service:						1,140.90		\$80

Qwest Advice No. 3376T Page 79 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	[
						B * (C Thru F)		H * (G/60)

UDIT M1-3 MULTIPLEXING INSTALL manual (con't)

2927 Direct Cost			\$803.15
2928			
2929	Cost	Cost	
2930	Calculation	Factor	Cost
2931	ВС	D	E
2932 Directly Assigned			
2933 Product Management Expense	D2933*E2927	0.040393	\$32.44
2934 Sales Expense	D2934*E2927	0.014960	\$12.02
2935 Product Advertising Expense	D2935*E2927	0.000000	\$0.00
2936 Business Fees (Other Operating Taxes)	D2936*Sum(E2927:E2935)	0.042595	\$36.10
2937 Directly Assigned Costs	Sum(E2927:E2936)		\$80.56
2938			
2939 Total Direct Costs	E2927+E2937		\$883.71
2940			
2941 Directly Attributed			
2942 Network Operations	D2942*E2939	0.056129	\$49.60
2943 Network Support Assets	D2943*E2939	0.014074	\$12.44
2944 General Support Assets	D2944*E2939	0.057904	\$51.17
2945 General Purpose Computers	D2945*E2939	0.040926	\$36.17
2946 Uncollectible	D2946*E2939	0.001136	\$1.00
2947 Accounting & Finance Expense	D2947*E2939	0.010471	\$9.25
2948 Human Resources Expense	D2948*E2939	0.009808	\$8.67
2949 Information Management Expense	D2949*E2939	0.068149	\$60.22
2950 Intangibles	D2950*E2939	0.002634	\$2.33
2951 Directly Attributed Costs	Sum(E2942:E2950)		\$230.85
2952			0.1.1.1.5
2953 TELRIC	E2942+E2951		\$1,114.56
2954 2955 Common			
2956 Executive Expense	D2956*E2953	0.008052	\$8.97
2957 Planning Expense	D2956 E2953 D2957*E2953	0.000682	\$0.97
	D2957 E2953 D2958*E2953	0.000662	
2958 External Relations Expense	D2956 E2953 D2959*E2953	0.009631	\$10.73
2959 Legal Expense			\$8.18
2960 Other Procurement Expense	D2960*E2953	0.002772	\$3.09
2961 Research & Development Expense	D2961*E2953	0.000042	\$0.05
2962 Other General and Admin Expense	D2962*E2953	0.019104	\$21.29
2963 Common Costs	Sum(E2956:E2962)		\$53.08
2964 2965 TELRIC + Common Costs	E2953+E2963		£1 167 64
2900 TELRIC + COMMON COSIS	E2903+E2903		\$1,167.64

Qwest Advice No. 3376T Page 80 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G B * (C Thru F)	Н	H * (G/60
IT M1-3 MULTIPLEXING DISCONNECT mechanized								
SCONNECT*								
RVICE DELIVERY COORDINATOR								
.1 probability for GCOCMA occurrs 10% of the time.								
.7 probability reflects 30% reduction to work time estimates ordered.								
VERIFY ASR HIGH SIDE ORDER	5	1.000	1.000		0.700	3.50	\$40.03	
VERIFY ASR LOW SIDE ORDERS	2	1.000	1.000		0.700	1.40	\$40.03	
CHECK BILLING CHECKLIST	5	1.000			0.700	3.50	\$40.03	
VERIFY TAXI	2	1.000			0.700	1.40	\$40.03	
INTRA-CO CALLS	5	1.000	29.000		0.700	101.50	\$40.03	\$
CHECK CONTRACT FOR FOC	5	1.000	20.000		0.700	3.50	\$40.03	•
FOC	1	1.000			0.700	0.70	\$40.03	
CHECK CONTRACT INTERVALS	5	1.000			0.700	3.50	\$40.03	
CHECK BILLING CHECKLIST RATE	10	1.000			0.700	7.00	\$40.03	
ORD DIST TUF/IABS USOC VAL	4	1.000	29.000		0.700	81.20	\$40.03	\$
ORD COMPLETION/VALIDATION	•		29.000		0.700	60.90	\$40.03 \$40.03	\$
	3	1.000						
CHECK WFA	2	1.000	29.000		0.700	40.60	\$40.03	\$
EXACT COMPLETION	2	1.000	29.000		0.700	40.60	\$40.03	\$
CHECK ORDER IN IABS	2	1.000	29.000		0.700	40.60	\$40.03	\$
total - SERVICE DELIVERY COORDINATOR						389.90		\$2
Probabilities are % manual work required. Reciprocal is mechanization rate. 29 probability represents the number of orders processed for an m1-3 mux, 1 order for the high side and 28 orders for the low side of the mux. 7 probability reflects 30% reduction to work time estimates ordered.								
	_	0.100	1.000		0.700	0.35	\$44.31	
	h					0.33	\$44.31	
ORDER HANDLING/SCREEN	5		1 000					
ORDER HANDLING/SCREEN GOC ORDER LOG	6	0.100	1.000		0.700		¢11 21	
ORDER HANDLING/SCREEN GOC ORDER LOG ENTER WA MASK	6 5	0.100 0.100	1.000		0.700	0.35	\$44.31	
ORDER HANDLING/SCREEN GOC ORDER LOG ENTER WA MASK DISCONNECT CIRCUIT	6 5 5	0.100 0.100 0.100	1.000 1.000		0.700 0.700	0.35 0.35	\$44.31	
ORDER HANDLING/SCREEN GOC ORDER LOG ENTER WA MASK DISCONNECT CIRCUIT DISTRIBUTE WORD DOC	6 5 5 2	0.100 0.100 0.100 0.100	1.000 1.000 1.000		0.700 0.700 0.700	0.35 0.35 0.14	\$44.31 \$44.31	
ORDER HANDLING/SCREEN GOC ORDER LOG ENTER WA MASK DISCONNECT CIRCUIT DISTRIBUTE WORD DOC ORDER HANDLING/SCREEN	6 5 5 2 2	0.100 0.100 0.100 0.100 0.100	1.000 1.000 1.000 28.000		0.700 0.700 0.700 0.700	0.35 0.35 0.14 3.92	\$44.31 \$44.31 \$44.31	
ORDER HANDLING/SCREEN GOC ORDER LOG ENTER WA MASK DISCONNECT CIRCUIT DISTRIBUTE WORD DOC ORDER HANDLING/SCREEN GOC ORDER LOG	6 5 5 2 2 2	0.100 0.100 0.100 0.100 0.100 0.100	1.000 1.000 1.000 28.000 28.000		0.700 0.700 0.700 0.700 0.700	0.35 0.35 0.14 3.92 3.92	\$44.31 \$44.31 \$44.31 \$44.31	
ORDER HANDLING/SCREEN GOC ORDER LOG ENTER WA MASK DISCONNECT CIRCUIT DISTRIBUTE WORD DOC ORDER HANDLING/SCREEN GOC ORDER LOG ENTER WA MASK	6 5 2 2 2 2	0.100 0.100 0.100 0.100 0.100 0.100 0.100	1.000 1.000 1.000 28.000 28.000 28.000		0.700 0.700 0.700 0.700 0.700 0.700	0.35 0.35 0.14 3.92 3.92 3.92	\$44.31 \$44.31 \$44.31 \$44.31 \$44.31	
ORDER HANDLING/SCREEN GOC ORDER LOG ENTER WA MASK DISCONNECT CIRCUIT DISTRIBUTE WORD DOC ORDER HANDLING/SCREEN GOC ORDER LOG ENTER WA MASK DISCONNECT CIRCUIT	6 5 5 2 2 2 2 2	0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100	1.000 1.000 1.000 28.000 28.000 28.000 28.000		0.700 0.700 0.700 0.700 0.700 0.700 0.700	0.35 0.35 0.14 3.92 3.92 3.92 3.92	\$44.31 \$44.31 \$44.31 \$44.31 \$44.31 \$44.31	
ORDER HANDLING/SCREEN GOC ORDER LOG ENTER WA MASK DISCONNECT CIRCUIT DISTRIBUTE WORD DOC ORDER HANDLING/SCREEN GOC ORDER LOG ENTER WA MASK	6 5 2 2 2 2	0.100 0.100 0.100 0.100 0.100 0.100 0.100	1.000 1.000 1.000 28.000 28.000 28.000		0.700 0.700 0.700 0.700 0.700 0.700	0.35 0.35 0.14 3.92 3.92 3.92	\$44.31 \$44.31 \$44.31 \$44.31 \$44.31	

-CENTRAL OFFICE FRAMES

Time estimate(s) ordered by commission staff.

Qwest Advice No. 3376T Page 81 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A Study Year: 2001

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	В	C	D	E	F	G	H	I
						B * (C Thru F)		H * (G/60)
JDIT M1-3 MULTIPLEXING DISCONNECT mechanized (con't)								
28 probability represents the number of low side orders processed for an m1-3 mux, 1 order for the high side and 28 orders for the low side of the mux.								
ANALYZE ORDER	2	1.000				2.00	\$43.81	\$1.46
JUMPER ACTIVITY	3	1.000				3.00	\$43.81	\$2.19
ANALYZE ORDER	2	28.000				56.00	\$43.81	\$40.8
JUMPER ACTIVITY	3	28.000				84.00	\$43.81	\$61.3
ubtotal - CENTRAL OFFICE FRAMES						145.00		\$105.8
CENTIVE STITE TOWNER						140.00		Ψ100.0
SERVICE DELIVERY IMPLEMENTOR								
29 probability represents the number of orders processed for an m1-3 mux,								
1 order for the high side and 28 orders for the low side of the mux.								
.7 probability reflects 30% reduction to work time estimates ordered.								
SCREEN WFA FOR CIRCUIT	5	1.000			0.700	3.50	\$43.81	\$2.5
CONTACT CUSTOMER	5	1.000			0.700	3.50	\$43.81	\$2.5
COMPLETE CIRCUIT IN WFA/C	5	1.000			0.700	3.50	\$43.81	\$2.5
SCREEN WFA FOR CIRCUIT	2	28.000			0.700	39.20	\$43.81	\$28.62
COMPLETE CIRCUIT IN WFA/C	2	28.000			0.700	39.20	\$43.81	\$28.6
ubtotal - SERVICE DELIVERY IMPLEMENTOR						88.90		\$64.9
otal For Service:						645.01		\$446.58

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Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G	Н	
						B * (C Thru F)		H * (G/60)

UDIT M1-3 MULTIPLEXING DISCONNECT mechanized (con't)

3063 3064	Cost	Cost	
3065	Calculation	Factor	Cost
3066	B C	D	E
8067 Directly Assigned	В		
3068 Product Management Expense	D3068*E3062	0.040393	\$18.
3069 Sales Expense	D3068 E3062 D3069*E3062	0.040393	\$6.
3070 Product Advertising Expense	D3070*E3062	0.000000	\$0.
3071 Business Fees (Other Operating Taxes)	D3070 E3002 D3071*Sum(E3062:E3070)	0.042595	\$20.
3072 Directly Assigned Costs	Sum(E3062:E3071)	0.042393	\$44.
3073	oun(2002.20071)		Ψ11.
3074 Total Direct Costs	E3062+E3072		\$491.
3075			* 10 1
3076 Directly Attributed			
3077 Network Operations	D3077*E3074	0.056129	\$27
3078 Network Support Assets	D3078*E3074	0.014074	\$6
3079 General Support Assets	D3079*E3074	0.057904	\$28
3080 General Purpose Computers	D3080*E3074	0.040926	\$20
3081 Uncollectible	D3081*E3074	0.001136	\$0
3082 Accounting & Finance Expense	D3082*E3074	0.010471	\$5
3083 Human Resources Expense	D3083*E3074	0.009808	\$4
3084 Information Management Expense	D3084*E3074	0.068149	\$33
3085 Intangibles	D3085*E3074	0.002634	\$1
3086 Directly Attributed Costs	Sum(E3077:E3085)		\$128
3087			
3088 TELRIC	E3077+E3086		\$619
3089			
3090 Common			
3091 Executive Expense	D3091*E3088	0.008052	\$4
3092 Planning Expense	D3092*E3088	0.000682	\$0
3093 External Relations Expense	D3093*E3088	0.009631	\$5
3094 Legal Expense	D3094*E3088	0.007338	\$4
3095 Other Procurement Expense	D3095*E3088	0.002772	\$1
3096 Research & Development Expense	D3096*E3088	0.000042	\$0
3097 Other General and Admin Expense	D3097*E3088	0.019104	\$11
3098 Common Costs	Sum(E3091:E3097)		\$29
3099			
3100 TELRIC + Common Costs	E3088+E3098		\$649

Qwest Advice No. 3376T Page 83 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti Product Group: Interconnection

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	В	С	D	Е	F	G B * (C Thru F)	Н	I H * (G/60)
UDIT M1-3 MULTIPLEXING DISCONNECT manual								
DISCONNECT								
-SERVICE DELIVERY COORDINATOR								
.1 probability for GCOCMA occurrs 10% of the time.								
.7 probability reflects 30% reduction to work time estimates ordered.	_	4 000	4.000		0.700	0.50	# 40.00	# 0.0
VERIFY ASR HIGH SIDE ORDER VERIFY ASR LOW SIDE ORDERS	5 2	1.000 1.000	1.000 1.000		0.700 0.700	3.50 1.40	\$40.03 \$40.03	\$2.3 \$0.9
CHECK BILLING CHECKLIST	5	1.000	1.000		0.700	3.50	\$40.03	\$0.94 \$2.34
INPUT ASR INTO EXACT	8	1.000	29.000		0.700	162.40	\$40.03	\$108.3
VERIFY TAXI	2	1.000	23.000		0.700	1.40	\$40.03	\$0.9
INTRA-CO CALLS	5	1.000	29.000		0.700	101.50	\$40.03	\$67.7
CHECK CONTRACT FOR FOC	5	1.000			0.700	3.50	\$40.03	\$2.3
FOC	1	1.000			0.700	0.70	\$40.03	\$0.4
MANUAL FOC	10	1.000	2.000		0.700	14.00	\$40.03	\$9.3
CHECK CONTRACT INTERVALS	5	1.000			0.700	3.50	\$40.03	\$2.3
CHECK BILLING CHECKLIST RATE	10	1.000			0.700	7.00	\$40.03	\$4.6
ORD DIST TUF/IABS USOC VAL	4	1.000	29.000		0.700	81.20	\$40.03	\$54.1
ORD COMPLETION/VALIDATION	3	1.000	29.000		0.700	60.90	\$40.03	\$40.6
CHECK WFA	2	1.000	29.000		0.700	40.60	\$40.03	\$27.0
EXACT COMPLETION CHECK ORDER IN IABS	2 2	1.000 1.000	29.000 29.000		0.700 0.700	40.60 40.60	\$40.03 \$40.03	\$27.0 \$27.0
CHECK ORDER IN IABS	2	1.000	29.000		0.700	40.60	\$40.03	\$27.0
Subtotal - SERVICE DELIVERY COORDINATOR						566.30		\$377.8
-DESIGN								
Probabilities are % manual work required. Reciprocal is mechanization rate.								
29 probability represents the number of orders processed for an m1-3 mux,								
1 order for the high side and 28 orders for the low side of the mux.								
.7 probability reflects 30% reduction to work time estimates ordered.								
ORDER HANDLING/SCREEN	5	0.100	1.000		0.700	0.35	\$44.31	\$0.20
GOC ORDER LOG	6	0.100	1.000		0.700	0.42	\$44.31	\$0.3
ENTER WA MASK	5	0.100	1.000		0.700	0.35	\$44.31	\$0.2
DISCONNECT CIRCUIT	5	0.100	1.000		0.700	0.35	\$44.31	\$0.2
DISTRIBUTE WORD DOC ORDER HANDLING/SCREEN	2 2	0.100 0.100	1.000 28.000		0.700 0.700	0.14 3.92	\$44.31 \$44.31	\$0.1 \$2.8
GOC ORDER LOG	2	0.100	28.000		0.700	3.92	\$44.31 \$44.31	\$2.8 \$2.8
ENTER WA MASK	2	0.100	28.000		0.700	3.92	\$44.31	\$2.8
DISCONNECT CIRCUIT	2	0.100	28.000		0.700	3.92	\$44.31	\$2.89
DISTRIBUTE WORD DOC	2	0.100	28.000		0.700	3.92	\$44.31	\$2.89
Subtotal - DESIGN						21.21		\$15.66
Cabical Project						£1.£1		ψ.υ.υ

Qwest Advice No. 3376T Page 84 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A Study Year: 2001

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
work item	B	C	#2 D	#3	#4	(Williates)	H	LOST
^	Ь	C	Ь	_	'	B * (C Thru F)	""	H * (G/60)
UDIT M1-3 MULTIPLEXING DISCONNECT manual (con't)								
-CENTRAL OFFICE FRAMES								
Time estimate(s) ordered by commission staff.								
28 probability represents the number of low side orders processed for an m1-3 mux,								
1 order for the high side and 28 orders for the low side of the mux.								
ANALYZE ORDEŘ	2	1.000				2.00	\$43.81	\$1.46
JUMPER ACTIVITY	3	1.000				3.00	\$43.81	\$2.19
ANALYZE ORDER	2	28.000				56.00	\$43.81	\$40.89
JUMPER ACTIVITY	3	28.000				84.00	\$43.81	\$61.33
Subtotal - CENTRAL OFFICE FRAMES						145.00		\$105.87
-SERVICE DELIVERY IMPLEMENTOR								
29 probability represents the number of orders processed for an m1-3 mux,								
1 order for the high side and 28 orders for the low side of the mux.								
.7 probability reflects 30% reduction to work time estimates ordered.								
SCREEN WFA FOR CIRCUIT	5	1.000			0.700		\$43.81	\$2.56
CONTACT CUSTOMER	5	1.000			0.700	3.50	\$43.81	\$2.56
COMPLETE CIRCUIT IN WFA/C	5	1.000			0.700	3.50	\$43.81	\$2.56
SCREEN WFA FOR CIRCUIT	2	28.000			0.700		\$43.81	\$28.62
COMPLETE CIRCUIT IN WFA/C	2	28.000			0.700	39.20	\$43.81	\$28.62
Subtotal - SERVICE DELIVERY IMPLEMENTOR						88.90		\$64.91
Total For Service:						821.41		\$564.27

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Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G	Н	
						B * (C Thru F)		H * (G/60)

UDIT M1-3 MULTIPLEXING DISCONNECT manual (con't)

Cost	3197 Direct Cost			\$564.27
Calculation Pactor Pacto	3198			
B C D E C D E C D D E C D D E C D D E C D D E C D D E C D D D D D D D D D D D D D D D D D D				
3202 Directly Assigned D3203*E3197 0.040393 \$22.7				
3203 Product Management Expense D3204*E3197 0.040393 \$22.7	3201	ВС	D	Е
3204 Sales Expense D3204*E3197 0.014960 \$8.4 \$3.205*E3197 0.000000 \$0.0 \$0.0 \$0.000000 \$0.000000 \$0.0000000 \$0.0000000000	3202 Directly Assigned	<u> </u>		
3205 Product Advertising Expense D3206*E3197 0.000000 \$0.	3203 Product Management Expense	D3203*E3197	0.040393	\$22.79
3206 Business Fees (Offier Operating Taxes) D3206*Sum(E3197:E3205) 0.042595 \$25.5 3207 Directly Assigned Costs Sum(E3197:E3206) \$55.6 3208 Sum(E3197:E3206) \$55.6 3209 Total Direct Costs E3197+E3207 \$620.8 3210 Sum(E3197:E3209 0.056129 \$34.8 3211 Directly Attributed D3212*E3209 0.014074 \$8.7 3212 Network Operations D3213*E3209 0.014074 \$8.7 3213 Network Support Assets D3213*E3209 0.014074 \$8.7 3214 General Support Assets D3216*E3209 0.040926 \$25.4 3215 General Purpose Computers D3216*E3209 0.001136 \$0.7 3217 Accounting & Finance Expense D3216*E3209 0.011471 \$6.5 3218 Human Resources Expense D3216*E3209 0.001136 \$0.7 3219 Information Management Expense D3216*E3209 0.068149 \$42.3 3220 Intangibles D3220*E3209 0.068149 \$42.3 3221 Directly Attributed Costs Sum(E3212*E3220) \$162.7 3222 Sum(E3212*E3220) \$162.7 3223 TELRIC E3212*E3221 \$783.0 3224 3225 Common 3226 Executive Expense D3226*E3223 0.000682 \$0.8 3229 Legal Expense D3226*E3223 0.000682 \$0.8 3229 Legal Expense D3226*E3223 0.000682 \$0.8 3220 Common S226*E3223 0.000682 \$0.8 3221 Directly Attributed Costs D3226*E3223 0.000682 \$0.8 3222 External Relations Expense D3226*E3223 0.000682 \$0.8 3223 Common S226*E3223 0.000772 \$2.1 3224 S225*E3223 0.000772 \$2.1 3225*Expense D3236*E3223 0.000772 \$2.1 3226*Expense D3236*E3223 0.000772 \$2.1 3227 S228*Expense D3236*E3223 0.000772 \$2.1 3228*Expense D3236*E3223 0.000772 \$2.1 3229*Eagarth & Development Expense D3231*E3223 0.000772 \$2.1 3220 Cheer Procurement Expense D3231*E3223 0.000772 \$2.1 3221 Common S226*E3223 0.000772 \$2.1 3222 Cheer Procurement Expense D3231*E3223 0.000772 \$2.1 3223 Cheer General and Admin Expense D3232*E3223 0.019104 \$14.5 3224 S225*Expense D3232*E3223 0.019104 \$14.5 3225*Expense	3204 Sales Expense	D3204*E3197	0.014960	\$8.44
Sum	3205 Product Advertising Expense	D3205*E3197	0.000000	\$0.00
3208	3206 Business Fees (Other Operating Taxes)	D3206*Sum(E3197:E3205)	0.042595	\$25.37
3209 Total Direct Costs	3207 Directly Assigned Costs	Sum(E3197:E3206)		\$56.60
3210 3211 Directly Attributed 3212 Network Operations D3212*E3209 0.056129 \$34.8 3213 Network Support Assets D3213*E3209 0.014074 \$8.7 \$3.214 General Support Assets D3214*E3209 0.057904 \$35.5 \$3.215 General Purpose Computers D3215*E3209 0.004026 \$25.5 \$3.216 Uncollectible D3216*E3209 0.001136 \$0.7 \$3.217 Accounting & Finance Expense D3216*E3209 0.0014071 \$6.5 \$3.217 Accounting & Finance Expense D3218*E3209 0.009808 \$6.3 \$6.3 \$3.219 Information Management Expense D3218*E3209 0.009808 \$6.3 \$6.3 \$3.220 Intangibles D3220*E3209 0.0068149 \$42.3 \$3.220 Intangibles D3220*E3209 0.002634 \$1.6 \$3.220 \$3.221 \$3.221 \$3.222 \$3.223 \$3.222 \$3.223 \$3.224 \$3.224 \$3.224 \$3.224 \$3.225 \$3.	3208			
3211	3209 Total Direct Costs	E3197+E3207		\$620.87
3212 Network Operations D3212*E3209 0.056129 \$34.8 3213 Network Support Assets D3213*E3209 0.014074 \$8.7 3214 General Support Assets D3214*E3209 0.057904 \$35.5 3215 General Purpose Computers D3215*E3209 0.040926 \$25.4 3216 Uncollectible D3216*E3209 0.010136 \$0.7 3217 Accounting & Finance Expense D3217*E3209 0.010471 \$6.6 3218 Human Resources Expense D3218*E3209 0.00808 \$6.0 3219 Information Management Expense D3219*E3209 0.068149 \$42.3 3221 [Directly Attributed Costs Sum(E3212:E3220) \$162.1 3222 Sum(E3212:E3220) \$783.0 3223 TELRIC E3212+E3221 \$783.0 3224 Sum(E3212:E3220) \$6.3 3225 Common \$783.0 3226 Executive Expense D3226*E323 0.00852 \$6.3 3227 Planning Expense D3228*E3223 0.000682 \$0.5 3228 External Relations Expense D3232*E3223 0.000738 \$5.7 3229 Legal Expense D3230*E	3210			· · · · · · · · · · · · · · · · · · ·
3213 Network Support Assets D3213*E3209 0.014074 \$8.7 3214 General Support Assets D3214*E3209 0.057904 \$35.5 3215 General Purpose Computers D3215*E3209 0.040926 \$25.4 3216 Uncollectible D3216*E3209 0.001136 \$0.7 3217 Accounting & Finance Expense D3217*E3209 0.010471 \$6.6 3218 Human Resources Expense D3219*E3209 0.068149 \$42.3 3220 Intangibles D3219*E3209 0.0068149 \$42.3 3221 [Directly Attributed Costs Sum(E3212:E3220) \$162.1 3222 [Directly Attributed Costs Sum(E3212:E3220) \$783.0 3224 [322] E3212*E3221 \$783.0 3224 [322] Sum(E3212:E3220) \$6.3 3227 Planning Expense D3226*E3223 0.008652 \$6.3 3227 Planning Expense D3227*E3223 0.009662 \$0.5 3228 External Relations Expense D3228*E3223 0.0096631 \$7.6 3230 Other Procurement Expense D3230*E3223 0.000772 \$2.1 3231 Research & Development Expense D3231*E3223 0.019104 \$14.5 <tr< td=""><td>3211 Directly Attributed</td><td></td><td></td><td></td></tr<>	3211 Directly Attributed			
3214 General Support Assets D3214*E3209 0.057904 \$35.5 3215 General Purpose Computers D3215*E3209 0.040926 \$25.4 3216 Uncollectible D3216*E3209 0.001136 \$0.7 3217 Accounting & Finance Expense D3217*E3209 0.010471 \$6.5 3218 Human Resources Expense D3218*E3209 0.008808 \$6.6 3219 Information Management Expense D3219*E3209 0.068149 \$42.3 3220 Intangibles D3220*E3209 0.002634 \$1.6 3221 Directly Attributed Costs Sum(E3212:E3220) \$783.0 3222 Sum(E3212:E3220) \$783.0 3224 Sum(E3212:E3221) \$783.0 3225 Common S226 Executive Expense D3226*E3223 0.008052 \$6.3 3227 Planning Expense D3228*E3223 0.009631 \$7.5 3228 External Relations Expense D3228*E3223 0.009631 \$7.5 3230 Other Procurement Expense D3230*E3223 0.0072772 \$2.1 3231 Research & Development Expense D3231*E3223 0.000042 \$0.0 3232 Other General and Admin Expense D3231*E3223 0.	3212 Network Operations	D3212*E3209	0.056129	\$34.85
3215 General Purpose Computers D3215*E3209 0.040926 \$25.4 3216 Uncollectible D3216*E3209 0.001136 \$0.7 3217 Accounting & Finance Expense D3217*E3209 0.010471 \$6.5 3218 Human Resources Expense D3218*E3209 0.009808 \$6.6 3219 Information Management Expense D3219*E3209 0.068149 \$42.3 3220 Intangibles D3220*E3209 0.002634 \$1.6 3221 Directly Attributed Costs Sum(E3212:E3220) \$162.1 3222 Sum(E3212:E3220) \$783.0 3223 TELRIC E3212+E3221 \$783.0 3224 \$3225 Common \$783.0 3225 Executive Expense D3226*E3223 0.008052 \$6.3 3227 Planning Expense D3227*E3223 0.000682 \$0.5 3228 External Relations Expense D3229*E3223 0.009631 \$7.5 3230 Other Procurement Expense D3230*E3223 0.000733 \$5.7 3231 Research & Development Expense D3231*E3223 0.000042 \$0.0 3232 Other General and Admin Expense D3232*E3223 0.019104 \$14.5 3234	3213 Network Support Assets	D3213*E3209	0.014074	\$8.74
3216 Uncollectible D3216*E3209 0.001136 \$0.7 3217 Accounting & Finance Expense D3217*E3209 0.010471 \$6.5 3218 Human Resources Expense D3218*E3209 0.008008 \$6.0 3219 Information Management Expense D3219*E3209 0.068149 \$42.3 3221 Intangibles D3220*E3209 0.002634 \$1.6 3221 Directly Attributed Costs Sum(E3212:E3220) \$162.1 3222 Sum(E3212:E3220) \$783.0 3224 \$783.0 \$224 3225 Common \$226*E3223 0.008052 \$6.3 3227 Planning Expense D3226*E3223 0.008052 \$6.3 3228 External Relations Expense D3228*E3223 0.009681 \$7.5 3229 Legal Expense D3229*E3223 0.007338 \$5.7 3230 Other Procurement Expense D3230*E3223 0.000772 \$2.1 3231 Research & Development Expense D3231*E3223 0.000042 \$0.0 3232 Other General and Admin Expense D3232*E3223 0.019104 \$14.5 3234 Common Costs Sum(E3226:E3332) \$37.2	3214 General Support Assets	D3214*E3209	0.057904	\$35.95
3217 Accounting & Finance Expense D3217*E3209 0.010471 \$6.5 3218 Human Resources Expense D3218*E3209 0.009808 \$6.0 3219 Information Management Expense D3219*E3209 0.068149 \$42.3 3220 Intangibles D3220*E3209 0.002634 \$1.6 3221 Directly Attributed Costs Sum(E3212:E3220) \$783.0 3222 Sum(E3212*E3221) \$783.0 3224 Sum(E322*E3223) 0.008052 \$6.3 3227 Planning Expense D3226*E3223 0.009652 \$6.3 3227 Planning Expense D3227*E3223 0.009681 \$7.5 3229 Legal Expense D3229*E3223 0.007338 \$5.7 3230 Other Procurement Expense D3229*E3223 0.00733 \$7.5 3231 Research & Development Expense D3231*E3223 0.000727 \$2.1 3232 Other General and Admin Expense D3232*E3223 0.001042 \$0.0 3233 Common Costs Sum(E3226:E3332) 0.01104 \$14.5	3215 General Purpose Computers	D3215*E3209	0.040926	\$25.41
3218 Human Resources Expense D3218*E3209 0.009808 \$6.0 3219 Information Management Expense D3219*E3209 0.068149 \$42.3 3220 Intangibles D3220*E3209 0.002634 \$1.6 3221 Directly Attributed Costs Sum(E3212:E3220) \$162.1 3222 Sum(E3212:E3220) \$783.0 3224 Sum(E3212:E3221) \$783.0 3224 Sum(E3224*E3221) \$783.0 3225 Common Sum(E3226*E3223) 0.008052 \$6.3 3227 Planning Expense D3226*E3223 0.000682 \$0.5 3228 External Relations Expense D3228*E3223 0.009631 \$7.5 3229 Legal Expense D3229*E3223 0.007338 \$5.7 3230 Other Procurement Expense D3230*E3223 0.002772 \$2.1 3231 Research & Development Expense D3231*E3223 0.000042 \$0.0 3232 Other General and Admin Expense D3232*E3223 0.019104 \$14.5 3234 Common Costs Sum(E326:E3332) \$37.2	3216 Uncollectible	D3216*E3209	0.001136	\$0.71
3219 Information Management Expense D3219*E3209 0.068149 \$42.3 3220 Intangibles D3220*E3209 0.002634 \$1.6 3221 Directly Attributed Costs Sum(E3212:E3220) \$162.1 3222 Sum(E3212:E3221) \$783.0 3224 \$225 Sum(E3212:E3221) \$783.0 3226 Executive Expense D3226*E3223 0.008052 \$6.3 3227 Planning Expense D3227*E3223 0.009682 \$0.5 3229 Legal Expense D3228*E3223 0.009631 \$7.5 329 Legal Expense D3229*E3223 0.007338 \$5.7 320 Other Procurement Expense D3230*E3223 0.002772 \$2.1 323 Research & Development Expense D3231*E3223 0.000042 \$0.0 323 Common Costs Sum(E3226:E3332) 0.01104 \$14.5 3234 Common Costs Sum(E3226:E3332) 0.01104 \$14.5	3217 Accounting & Finance Expense	D3217*E3209	0.010471	\$6.50
Signature Sign	3218 Human Resources Expense	D3218*E3209	0.009808	\$6.09
Sum(E3212:E3220) \$162.13222 \$12223 \$122333 \$12233 \$122333 \$12	3219 Information Management Expense	D3219*E3209	0.068149	\$42.31
3222 3223 TELRIC E3212+E3221 \$783.0 3224 3225 Common 3226 Executive Expense D3226*E3223 0.008052 \$6.3 3227 Planning Expense D3227*E3223 0.000682 \$0.5 3228 External Relations Expense D3228*E3223 0.009631 \$7.5 3229 Legal Expense D3229*E3223 0.007338 \$5.7 3230 Other Procurement Expense D3230*E3223 0.002772 \$2.1 3231 Research & Development Expense D3231*E3223 0.000042 \$0.0 3232 Other General and Admin Expense D3232*E3223 0.019104 \$14.5 3233 Common Costs Sum(E3226:E3232) \$37.2	3220 Intangibles	D3220*E3209	0.002634	\$1.64
3223 TELRIC E3212+E3221 \$783.0 3224 3225 Common 3226 Executive Expense 0.008052 \$6.3 3227 Planning Expense D322*E3223 0.000682 \$0.5 3228 External Relations Expense D3228*E3223 0.009631 \$7.5 3229 Legal Expense D3229*E3223 0.007338 \$5.7 3230 Other Procurement Expense D3230*E3223 0.002772 \$2.1 3231 Research & Development Expense D3231*E3223 0.000042 \$0.0 3232 Other General and Admin Expense D3232*E3223 0.019104 \$14.5 3233 Common Costs Sum(E3226:E3232) \$37.2	3221 Directly Attributed Costs	Sum(E3212:E3220)		\$162.19
3224 3225 Common 3226 Executive Expense D3226*E3223 0.008052 \$6.3 3227 Planning Expense D3227*E3223 0.009682 \$0.5 3228 External Relations Expense D3228*E3223 0.009631 \$7.5 3229 Legal Expense D3229*E3223 0.007338 \$5.7 3230 Other Procurement Expense D3230*E3223 0.002772 \$2.1 3231 Research & Development Expense D3231*E3223 0.000042 \$0.0 3232 Other General and Admin Expense D3232*E3223 0.019104 \$14.5 3233 Common Costs Sum(E3226:E3232) \$37.2		<u> </u>		
3225 Common 3226 Executive Expense D3226*E3223 0.008052 \$6.3 3227 Planning Expense D3227*E3223 0.000682 \$0.5 3228 External Relations Expense D3228*E3223 0.009631 \$5.7 3230 Under Procurement Expense D3229*E3223 0.007338 \$5.7 3231 Research & Development Expense D3231*E3223 0.002772 \$2.1 3232 Other General and Admin Expense D3232*E3223 0.000042 \$0.0 3233 Common Costs Sum(E3226:E3232) 0.019104 \$14.5 3234		E3212+E3221		\$783.05
3226 Executive Expense D3226*E3223 0.008052 \$6.3 3227 Planning Expense D3227*E3223 0.000682 \$0.5 3228 External Relations Expense D3228*E3223 0.009631 \$7.5 3229 Legal Expense D3229*E3223 0.007338 \$5.7 3230 Other Procurement Expense D3230*E3223 0.002772 \$2.1 3231 Research & Development Expense D3231*E3223 0.000042 \$0.0 3232 Other General and Admin Expense D3232*E3223 0.019104 \$14.5 3233 Common Costs Sum(E3226:E3232) \$37.2				
3227 Planning Expense D3227*E3223 0.000682 \$0.5 3228 External Relations Expense D3228*E3223 0.009631 \$7.5 3229 Legal Expense D3229*E3223 0.007338 \$5.7 3230 Other Procurement Expense D3230*E3223 0.002772 \$2.1 3231 Research & Development Expense D3231*E3223 0.000042 \$0.0 3232 Other General and Admin Expense D3232*E3223 0.019104 \$14.5 3233 Common Costs Sum(E3226:E3232) \$37.2				
3228 External Relations Expense D3228*E3223 0.009631 \$7.5 3229 Legal Expense D3229*E3223 0.007338 \$5.7 3230 Other Procurement Expense D3230*E3223 0.002772 \$2.1 3231 Research & Development Expense D3231*E3223 0.000042 \$0.0 3232 Other General and Admin Expense D3232*E3223 0.019104 \$14.5 3233 Common Costs Sum(E3226:E3332) \$37.2				\$6.31
3229 Legal Expense D3229*E3223 0.007338 \$5.7 3230 Other Procurement Expense D3230*E3223 0.002772 \$2.1 3231 Research & Development Expense D3231*E3223 0.000042 \$0.0 3232 Other General and Admin Expense D3232*E3223 0.019104 \$14.5 3233 Common Costs Sum(E3226:E3232) \$37.2		D3227*E3223	0.000682	\$0.53
3230 Other Procurement Expense D3230*E3223 0.002772 \$2.1 3231 Research & Development Expense D3231*E3223 0.000042 \$0.0 3232 Other General and Admin Expense D3232*E3223 0.019104 \$14.5 3233 Common Costs Sum(E3226:E3232) \$37.2	3228 External Relations Expense	D3228*E3223	0.009631	\$7.54
3231 Research & Development Expense D3231*E3223 0.000042 \$0.0 3232 Other General and Admin Expense D3232*E3223 0.019104 \$14.5 3233 Common Costs Sum(E3226:E3232) \$37.2 3234	3229 Legal Expense	D3229*E3223	0.007338	\$5.75
3232 Other General and Admin Expense D3232*E3223 0.019104 \$14.5 3233 Common Costs Sum(E3226:E3232) \$37.2 3234		D3230*E3223	0.002772	\$2.17
3233 Common Costs Sum(E3226:E3232) \$37.2 3234	3231 Research & Development Expense	D3231*E3223	0.000042	\$0.03
3234	3232 Other General and Admin Expense	D3232*E3223	0.019104	\$14.96
	3233 Common Costs	Sum(E3226:E3232)		\$37.29
3235 TELRIC + Common Costs E3223+E3233 \$820.3	3234			
	3235 TELRIC + Common Costs	E3223+E3233		\$820.34

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Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti Product Group: Interconnection

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	В	С	D	E	F	G B * (C Thru F)	Н	I H * (G/60)
						_ (5,		(5,55)
UDIT DS0 REARRANGEMENT DUAL OFFICE mechanized								
<u>*ADD*</u>								
-SERVICE DELIVERY COORDINATOR								
.7 probability reflects 30% reduction to work time estimates ordered.	F	1.000			0.700	2.50	£40.00	¢2.24
VERIFY ASR VERIFY COPROVIDER	5 15	1.000 1.000			0.700 0.700	3.50 10.50	\$40.03 \$40.03	\$2.34 \$7.01
CHECK BILLING CHECKLIST	5	1.000			0.700	3.50	\$40.03	\$2.34
VERIFY LOA	1	1.000			0.700	0.70	\$40.03	\$0.47
VERIFY TAXI	2	1.000			0.700	1.40	\$40.03	\$0.93
INTRA-CO CALLS	5	1.000			0.700	3.50	\$40.03	\$2.34
CHECK CONTRACT ON FOC	5	1.000			0.700	3.50	\$40.03	\$2.34
FOC CHECK CONTRACT/SIG	1 5	1.000 1.000			0.700 0.700	0.70 3.50	\$40.03 \$40.03	\$0.47 \$2.34
CHECK BILLING CHECKLIST RATE	10	1.000			0.700	7.00	\$40.03	\$4.67
ORDER DIST TUF/IABS	5	1.000			0.700	3.50	\$40.03	\$2.34
ORD COMPLETION /VALIDATION	3	1.000			0.700	2.10	\$40.03	\$1.40
CHECK WFA	2	1.000			0.700	1.40	\$40.03	\$0.93
EXACT COMPLETION	2	1.000			0.700	1.40	\$40.03	\$0.93
CHECK ORD POSTED IN IABS	2	1.000			0.700	1.40	\$40.03	\$0.93
Subtotal - SERVICE DELIVERY COORDINATOR						47.60		\$31.76
-DESIGN								
Probabilities are % manual work required. Reciprocal is mechanization rate.								
.7 probability reflects 30% reduction to work time estimates ordered. ORDER HANDLING/SCREENING	5	0.200			0.700	0.70	\$44.31	\$0.52
GOC ORDER LOG	6	0.200			0.700	0.70	\$44.31	\$0.62
ENTER WA MASK	5	0.100			0.700	0.35	\$44.31	\$0.26
PREP LOOP INPUT/DRI	10	0.200			0.700	1.40	\$44.31	\$1.03
DISCONNECT CIRCUIT	5	0.100			0.700	0.35	\$44.31	\$0.26
CIRCUIT DESIGN	20	0.100			0.700	1.40	\$44.31	\$1.03
DISTRIBUTE WORD DOC	2	0.050			0.700	0.07	\$44.31	\$0.05
Subtotal - DESIGN						5.11		\$3.77
-CENTRAL OFFICE FRAMES								
2 probability is work done in two co's.								
.7 probability reflects 30% reduction to work time estimates ordered.								
ANALYZE ORDER	5	1.000	2.000		0.700	7.00	\$43.81	\$5.11
CONTACT CCTI TO WORK ORDER	3	1.000	2.000		0.700	4.20	\$43.81	\$3.07
REMOVE CROSS-CONNECT	2.3	1.000	2.000		0.700	3.22	\$43.81	\$2.35
COMPLETE CROSS-CONNECT	4	1.000	2.000		0.700	5.60	\$43.81	\$4.09

Qwest Advice No. 3376T Page 87 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G D * (O There E)	Н	
						B * (C Thru F)		H * (G/60)
UDIT DS0 REARRANGEMENT DUAL OFFICE mechanized (con't)								
PERFORM LINE/DROP TESTING	8	1.000	2.000		0.700	11.20	\$43.81	\$8.18
COMPLETE CONFORMANCE TEST	15	1.000	2.000		0.700	21.00	\$43.81	\$15.33
POST COMPLETE IN WFA-DI	2	1.000	2.000		0.700	2.80	\$43.81	\$2.04
COMPLETE WITH CCT-I	3	1.000	2.000		0.700	4.20	\$43.81	\$3.07
							•	***
Subtotal - CENTRAL OFFICE FRAMES						59.22		\$43.24
-SERVICE DELIVERY IMPLEMENTOR								
.7 probability reflects 30% reduction to work time estimates ordered.								4
SCREEN WFA FOR CIRCUIT	10	1.000			0.700	7.00	\$43.81	\$5.11
VERIFY LNO COMPLETION	10	1.000			0.700	7.00	\$43.81	\$5.11
COORDINATE CIRCUIT TEST	15	1.000			0.700	10.50	\$43.81	\$7.67
NOTIFY CUSTOMER	5	1.000			0.700	3.50	\$43.81	\$2.56
COMPLETE CIRCUIT IN WFA/C	10	1.000			0.700	7.00	\$43.81	\$5.11
Subtotal - SERVICE DELIVERY IMPLEMENTOR						35.00		\$25.56
Total For Service:						146.93		\$104.33

Qwest Advice No. 3376T Page 88 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G	Н	
						B * (C Thru F)		H * (G/60)

UDIT DS0 REARRANGEMENT DUAL OFFICE mechanized (con't)

3334	Cost	Cost	
3335	Calculation	Factor	Cost
3336	ВС	D	Е
3337 Directly Assigned	<u> </u>		
3338 Product Management Expense	D3338*E3332	0.040393	\$4.2
3339 Sales Expense	D3339*E3332	0.014960	\$1.50
3340 Product Advertising Expense	D3340*E3332	0.000000	\$0.00
3341 Business Fees (Other Operating Taxes)	D3341*Sum(E3332:E3340)	0.042595	\$4.6
3342 Directly Assigned Costs	Sum(E3332:E3341)		\$10.4
3343			
3344 Total Direct Costs	E3332+E3342		\$114.7
3345			
3346 Directly Attributed			
3347 Network Operations	D3347*E3344	0.056129	\$6.4
3348 Network Support Assets	D3348*E3344	0.014074	\$1.6
3349 General Support Assets	D3349*E3344	0.057904	\$6.6
3350 General Purpose Computers	D3350*E3344	0.040926	\$4.7
3351 Uncollectible	D3351*E3344	0.001136	\$0.1
3352 Accounting & Finance Expense	D3352*E3344	0.010471	\$1.2
3353 Human Resources Expense	D3353*E3344	0.009808	\$1.1
3354 Information Management Expense	D3354*E3344	0.068149	\$7.8
3355_Intangibles	D3355*E3344	0.002634	\$0.3
3356 Directly Attributed Costs	Sum(E3347:E3355)		\$29.9
3357 3358 TELRIC	E3347+E3356		\$144.7
3359 TELRIC 3359	E3347+E3330		φ1 44 .7
3360 Common			
3361 Executive Expense	D3361*E3358	0.008052	\$1.1
3362 Planning Expense	D3362*E3358	0.000682	\$0.1
3363 External Relations Expense	D3363*E3358	0.009631	\$1.3
3364 Legal Expense	D3364*E3358	0.007338	\$1.0
3365 Other Procurement Expense	D3365*E3358	0.007330	\$0.4
	D3366*E3358	0.000042	\$0.4
		0.000042	Ψ0.0
3366 Research & Development Expense		0.019104	\$2.7
3366 Research & Development Expense 3367 Other General and Admin Expense	D3367*E3358	0.019104	\$2.7 \$6.8
3366 Research & Development Expense		0.019104	\$2.7 \$6.8

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Study Name: PART D FINAL ORDER NRC STUDY 7246 A Study Year: 2001

Study Year: 2001 Analyst: Deffley/Eoriatti Product Group: Interconnection

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G B * (C Thru F)	Н	
						b (Cillur)		H * (G/60)
UDIT DS0 REARRANGEMENT DUAL OFFICE manual								
<u>*ADD*</u>								
-SERVICE DELIVERY COORDINATOR								
.7 probability reflects 30% reduction to work time estimates ordered.								
VÉRIFY ASR	5	1.000			0.700	3.50	\$40.03	\$2.34
VERIFY COPROVIDER	15	1.000			0.700	10.50	\$40.03	\$7.01
CHECK BILLING CHECKLIST	5	1.000			0.700	3.50	\$40.03	\$2.34
INPUT ASR INTO EXACT	8	1.000			0.700	5.60	\$40.03	\$3.74
VERIFY LOA	1	1.000			0.700	0.70	\$40.03	\$0.47
VERIFY TAXI	2	1.000			0.700	1.40	\$40.03	\$0.93
INTRA-CO CALLS	5	1.000			0.700	3.50	\$40.03	\$2.34
CHECK CONTRACT ON FOC	5	1.000			0.700	3.50	\$40.03	\$2.34
FOC	1	1.000			0.700	0.70	\$40.03	\$0.47
MANUAL FOC	10	1.000			0.700	7.00	\$40.03	\$4.67
CHECK CONTRACT/SIG	5	1.000			0.700	3.50	\$40.03	\$2.34
CHECK BILLING CHECKLIST RATE	10	1.000			0.700	7.00	\$40.03	\$4.67
ORDER DIST TUF/IABS	5	1.000			0.700	3.50	\$40.03	\$2.34
ORD COMPLETION /VALIDATION	3	1.000			0.700	2.10	\$40.03	\$1.40
CHECK WFA	2	1.000			0.700	1.40	\$40.03	\$0.93
EXACT COMPLETION	2	1.000			0.700	1.40	\$40.03	\$0.93
CHECK ORD POSTED IN IABS	2	1.000			0.700	1.40	\$40.03	\$0.93
Subtotal - SERVICE DELIVERY COORDINATOR						60.20		\$40.16
-DESIGN								
Probabilities are % manual work required. Reciprocal is mechanization rate.								
.7 probability reflects 30% reduction to work time estimates ordered.								
ORDER HANDLING/SCREENING	5	0.200			0.700	0.70	\$44.31	\$0.52
GOC ORDER LOG	6	0.200			0.700	0.84	\$44.31	\$0.62
ENTER WA MASK	5	0.100			0.700	0.35	\$44.31	\$0.26
PREP LOOP INPUT/DRI	10	0.200			0.700	1.40	\$44.31	\$1.03
DISCONNECT CIRCUIT	5	0.100			0.700	0.35	\$44.31	\$0.26
CIRCUIT DESIGN	20	0.100			0.700	1.40	\$44.31	\$1.03
DISTRIBUTE WORD DOC	2	0.050			0.700	0.07	\$44.31	\$0.05
Subtotal - DESIGN						5.11		\$3.77
-CENTRAL OFFICE FRAMES								
2 probability is work done in two co's.								
.7 probability reflects 30% reduction to work time estimates ordered.	_							
ANALYZE ORDER	5	1.000	2.000		0.700	7.00	\$43.81	\$5.11
CONTACT CCTI TO WORK ORDER	3	1.000	2.000		0.700	4.20	\$43.81	\$3.07

Qwest Advice No. 3376T Page 90 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	В	C	D	F	F	G	H	0031
···	_	· ·	_	_	·	B * (C Thru F)		H * (G/60)
UDIT DS0 REARRANGEMENT DUAL OFFICE manual (con't)								
REMOVE CROSS-CONNECT	2.3	1.000	2.000		0.700	3.22	\$43.81	\$2.35
COMPLETE CROSS-CONNECT	4	1.000	2.000		0.700	5.60	\$43.81	\$4.09
PERFORM LINE/DROP TESTING	8	1.000	2.000		0.700	11.20	\$43.81	\$8.18
COMPLETE CONFORMANCE TEST	15	1.000	2.000		0.700	21.00	\$43.81	\$15.33
POST COMPLETE IN WFA-DI	2	1.000	2.000		0.700	2.80	\$43.81	\$2.04
COMPLETE WITH CCT-I	3	1.000	2.000		0.700	4.20	\$43.81	\$3.07
Subtotal - CENTRAL OFFICE FRAMES						59.22		\$43.24
-SERVICE DELIVERY IMPLEMENTOR								
.7 probability reflects 30% reduction to work time estimates ordered.								
SCREEN WFA FOR CIRCUIT	10	1.000			0.700	7.00	\$43.81	\$5.11
VERIFY LNO COMPLETION	10	1.000			0.700	7.00	\$43.81	\$5.11
COORDINATE CIRCUIT TEST	15	1.000			0.700	10.50	\$43.81	\$7.67
NOTIFY CUSTOMER	5	1.000			0.700	3.50	\$43.81	\$2.56
COMPLETE CIRCUIT IN WFA/C	10	1.000			0.700	7.00	\$43.81	\$5.11
Subtotal - SERVICE DELIVERY IMPLEMENTOR						35.00		\$25.56
Total For Service:						159.53		\$112.73

Qwest Advice No. 3376T Page 91 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	[
						B * (C Thru F)		H * (G/60)

UDIT DS0 REARRANGEMENT DUAL OFFICE manual (con't)

3467 Direct Cost			\$112.73
3468			
3469	Cost	Cost	
3470	Calculation	Factor	Cost
3471	ВС	D	E
3472 Directly Assigned			
3473 Product Management Expense	D3473*E3467	0.040393	\$4.55
3474 Sales Expense	D3474*E3467	0.014960	\$1.69
3475 Product Advertising Expense	D3475*E3467	0.000000	\$0.00
3476 Business Fees (Other Operating Taxes)	D3476*Sum(E3467:E3475)	0.042595	\$5.07
3477 Directly Assigned Costs	Sum(E3467:E3476)		\$11.31
3478			
3479 Total Direct Costs	E3467+E3477		\$124.04
3480			
3481 Directly Attributed			
3482 Network Operations	D3482*E3479	0.056129	\$6.96
3483 Network Support Assets	D3483*E3479	0.014074	\$1.75
3484 General Support Assets	D3484*E3479	0.057904	\$7.18
3485 General Purpose Computers	D3485*E3479	0.040926	\$5.08
3486 Uncollectible	D3486*E3479	0.001136	\$0.14
3487 Accounting & Finance Expense	D3487*E3479	0.010471	\$1.30
3488 Human Resources Expense	D3488*E3479	0.009808	\$1.22
3489 Information Management Expense	D3489*E3479	0.068149	\$8.45
3490 Intangibles	D3490*E3479	0.002634	\$0.33
3491 Directly Attributed Costs	Sum(E3482:E3490)		\$32.40
3492	<u> </u>		
3493 TELRIC	E3482+E3491		\$156.44
3494			
3495 Common			
3496 Executive Expense	D3496*E3493	0.008052	\$1.26
3497 Planning Expense	D3497*E3493	0.000682	\$0.11
3498 External Relations Expense	D3498*E3493	0.009631	\$1.51
3499 Legal Expense	D3499*E3493	0.007338	\$1.15
3500 Other Procurement Expense	D3500*E3493	0.002772	\$0.43
3501 Research & Development Expense	D3501*E3493	0.000042	\$0.01
3502 Other General and Admin Expense	D3502*E3493	0.019104	\$2.99
3503 Common Costs	Sum(E3496:E3502)		\$7.45
3504			
3505 TELRIC + Common Costs	E3493+E3503		\$163.89

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Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti Product Group: Interconnection

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	B	C	D	™ E	F	G B * (C Thru F)	Н	H * (G/60)
UDIT DS0 REARRANGEMENT SINGLE OFFICE mechanized								
<u>*ADD*</u>								
-SERVICE DELIVERY COORDINATOR								
.7 probability reflects 30% reduction to work time estimates ordered.	_							
VERIFY ASR VERIFY COPROVIDER	5	1.000			0.700	3.50	\$40.03 \$40.03	\$2.3 \$7.0
CHECK BILLING CHECKLIST	15 5	1.000 1.000			0.700 0.700	10.50 3.50	\$40.03 \$40.03	\$7.0 \$2.3
VERIFY LOA	1	1.000			0.700	0.70	\$40.03	\$0.47
VERIFY TAXI	2	1.000			0.700	1.40	\$40.03	\$0.93
INTRA-CO CALLS	5	1.000			0.700	3.50	\$40.03	\$2.3
CHECK CONTRACT ON FOC	5	1.000			0.700	3.50	\$40.03	\$2.3
FOC CHECK CONTRACT/SIG	1 5	1.000 1.000			0.700 0.700	0.70 3.50	\$40.03 \$40.03	\$0.47
CHECK CONTRACT/SIG CHECK BILLING CHECKLIST RATE	10	1.000			0.700	7.00	\$40.03 \$40.03	\$2.34 \$4.67
ORDER DIST TUF/IABS	5	1.000			0.700	3.50	\$40.03	\$2.34
ORD COMPLETION /VALIDATION	3	1.000			0.700	2.10	\$40.03	\$1.40
CHECK WFA	2	1.000			0.700	1.40	\$40.03	\$0.93
EXACT COMPLETION	2	1.000			0.700	1.40	\$40.03	\$0.93
CHECK ORD POSTED IN IABS	2	1.000			0.700	1.40	\$40.03	\$0.93
Subtotal - SERVICE DELIVERY COORDINATOR						47.60		\$31.76
-DESIGN								
Probabilities are % manual work required7 probability reflects 30% reduction to work time estimates ordered.								
ORDER HANDLING/SCREENING	5	0.200			0.700	0.70	\$44.31	\$0.52
GOC ORDER LOG	6	0.200			0.700	0.84	\$44.31	\$0.62
ENTER WA MASK	5	0.100			0.700	0.35	\$44.31	\$0.26
PREP LOOP INPUT/DRI	10	0.200			0.700	1.40	\$44.31	\$1.03
DISCONNECT CIRCUIT	5	0.100			0.700	0.35	\$44.31	\$0.26
CIRCUIT DESIGN	20	0.100			0.700	1.40	\$44.31	\$1.03
DISTRIBUTE WORD DOC	2	0.050			0.700	0.07	\$44.31	\$0.05
Subtotal - DESIGN						5.11		\$3.77
-CENTRAL OFFICE FRAMES								
work done in one central office								
.7 probability reflects 30% reduction to work time estimates ordered.								
ANALYZE ORDER	5	1.000			0.700	3.50	\$43.81	\$2.56
CONTACT CCTI TO WORK ORDER	3	1.000			0.700	2.10	\$43.81	\$1.53
REMOVE CROSS-CONNECT COMPLETE CROSS-CONNECT	2.3	1.000 1.000			0.700 0.700	1.61 2.80	\$43.81 \$43.81	\$1.18 \$2.04
OUIVIF LE LE ONUSS-CONNECT	4	1.000			0.700	∠.60	⊅ 4 3.01	⊅∠. 04

Qwest Advice No. 3376T Page 93 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G D * (O Th F)	Н	
						B * (C Thru F)		H * (G/60)
UDIT DS0 REARRANGEMENT SINGLE OFFICE mechanized (con't)								
PERFORM LINE/DROP TESTING	8	1.000			0.700	5.60	\$43.81	\$4.09
COMPLETE CONFORMANCE TEST	15	1.000			0.700	10.50	\$43.81	\$7.67
POST COMPLETE IN WFA-DI	2	1.000			0.700	1.40	\$43.81	\$1.02
COMPLETE WITH CCT-I	3	1.000			0.700	2.10	\$43.81	\$1.53
OOM EETE WITH OOT	· ·	1.000			0.700	2.10	ψ10.01	ψ1.00
Subtotal - CENTRAL OFFICE FRAMES						29.61		\$21.62
-SERVICE DELIVERY IMPLEMENTOR								
.7 probability reflects 30% reduction to work time estimates ordered.								4
SCREEN WFA FOR CIRCUIT	10	1.000			0.700	7.00	\$43.81	\$5.11
VERIFY LNO COMPLETION	10	1.000			0.700	7.00	\$43.81	\$5.11
COORDINATE CIRCUIT TEST	15	1.000			0.700	10.50	\$43.81	\$7.67
NOTIFY CUSTOMER	5	1.000			0.700	3.50	\$43.81	\$2.56
COMPLETE CIRCUIT IN WFA/C	10	1.000			0.700	7.00	\$43.81	\$5.11
Subtotal - SERVICE DELIVERY IMPLEMENTOR						35.00		\$25.56
Total For Service:						117.32		\$82.71

Qwest Advice No. 3376T Page 94 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	
						B * (C Thru F)		H * (G/60)

UDIT DS0 REARRANGEMENT SINGLE OFFICE mechanized (con't)

3602 Direct Cost			\$82.71
3603			
3604	Cost	Cost	
3605	Calculation	Factor	Cost
3606	ВС	D	E
3607 Directly Assigned			
3608 Product Management Expense	D3608*E3602	0.040393	\$3.34
3609 Sales Expense	D3609*E3602	0.014960	\$1.24
3610 Product Advertising Expense	D3610*E3602	0.000000	\$0.00
3611 Business Fees (Other Operating Taxes)	D3611*Sum(E3602:E3610)	0.042595	\$3.72
3612 Directly Assigned Costs	Sum(E3602:E3611)		\$8.3
3613			0040
3614 Total Direct Costs	E3602+E3612		\$91.00
3615 3616 Directly Attributed			
3617 Network Operations	D3617*E3614	0.056129	\$5.1
3618 Network Support Assets	D3618*E3614	0.014074	\$1.2
3619 General Support Assets	D3619*E3614	0.057904	\$5.2
3620 General Purpose Computers	D3620*E3614	0.040926	\$3.7
3621 Uncollectible	D3621*E3614	0.001136	\$0.1
3622 Accounting & Finance Expense	D3622*E3614	0.010471	\$0.9
3623 Human Resources Expense	D3623*E3614	0.009808	\$0.8
3624 Information Management Expense	D3624*E3614	0.068149	\$6.2
3625 Intangibles	D3625*E3614	0.002634	\$0.2
3626 Directly Attributed Costs	Sum(E3617:E3625)		\$23.7
3627	,		
3628 TELRIC	E3617+E3626		\$114.78
3629 3630 Common			
3631 Executive Expense	D3631*E3628	0.008052	\$0.9
3632 Planning Expense	D3632*E3628	0.000682	\$0.0
3633 External Relations Expense	D3633*E3628	0.009631	\$1.1
3634 Legal Expense	D3634*E3628	0.009031	\$0.8
3635 Other Procurement Expense	D3635*E3628	0.007330	\$0.3
3636 Research & Development Expense	D3636*E3628	0.000042	\$0.0
3637 Other General and Admin Expense	D3637*E3628	0.019104	\$2.1
3638 Common Costs	Sum(E3631:E3637)	3.310104	\$5.4
3639	· · · · · · · · · · · · · · · · · · ·		70
3640 TELRIC + Common Costs	E3628+E3638		\$120.24

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Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti Product Group: Interconnection

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	В	С	D	Е	F	G B * (C Thru F)	Н	I H * (G/60)
UDIT DS0 REARRANGEMENT SINGLE OFFICE manual								
ADD								
-SERVICE DELIVERY COORDINATOR								
.7 probability reflects 30% reduction to work time estimates ordered.								
VÉRIFY ASŘ	5	1.000			0.700	3.50	\$40.03	\$2.34
VERIFY COPROVIDER	15	1.000			0.700	10.50	\$40.03	\$7.01
CHECK BILLING CHECKLIST	5	1.000			0.700	3.50	\$40.03	\$2.34
INPUT ASR INTO EXACT	8	1.000			0.700	5.60	\$40.03	\$3.74
VERIFY LOA	1	1.000			0.700	0.70	\$40.03	\$0.47
VERIFY TAXI	2	1.000			0.700	1.40	\$40.03	\$0.93
INTRA-CO CALLS CHECK CONTRACT ON FOC	5 5	1.000 1.000			0.700 0.700	3.50 3.50	\$40.03 \$40.03	\$2.34 \$2.34
FOC	ე 1	1.000			0.700	0.70	\$40.03 \$40.03	\$2.34 \$0.47
MANUAL FOC	10	1.000			0.700	7.00	\$40.03	\$4.67
CHECK CONTRACT/SIG	5	1.000			0.700	3.50	\$40.03	\$2.34
CHECK BILLING CHECKLIST RATE	10	1.000			0.700	7.00	\$40.03	\$4.67
ORDER DIST TUF/IABS	5	1.000			0.700	3.50	\$40.03	\$2.34
ORD COMPLETION /VALIDATION	3	1.000			0.700	2.10	\$40.03	\$1.40
CHECK WFA	2	1.000			0.700	1.40	\$40.03	\$0.93
EXACT COMPLETION	2	1.000			0.700	1.40	\$40.03	\$0.93
CHECK ORD POSTED IN IABS	2	1.000			0.700	1.40	\$40.03	\$0.93
Subtotal - SERVICE DELIVERY COORDINATOR						60.20		\$40.16
-DESIGN								
Probabilities are % manual work required.								
.7 probability reflects 30% reduction to work time estimates ordered.								
ORDER HANDLING/SCREENING	5	0.200			0.700	0.70	\$44.31	\$0.52
GOC ORDER LOG	6	0.200			0.700	0.84	\$44.31	\$0.62
ENTER WA MASK	5	0.100			0.700	0.35	\$44.31	\$0.26
PREP LOOP INPUT/DRI DISCONNECT CIRCUIT	10 5	0.200 0.100			0.700 0.700	1.40 0.35	\$44.31 \$44.31	\$1.03 \$0.26
CIRCUIT DESIGN	20	0.100			0.700	1.40	\$44.31	\$0.26 \$1.03
DISTRIBUTE WORD DOC	20	0.050			0.700	0.07	\$44.31	\$0.05
Subtotal - DESIGN						5.11		\$3.77
-CENTRAL OFFICE FRAMES								
work done in one central office								
.7 probability reflects 30% reduction to work time estimates ordered.								
ANALYZE ORDER	5	1.000			0.700	3.50	\$43.81	\$2.56
CONTACT CCTI TO WORK ORDER	3	1.000			0.700	2.10	\$43.81	\$1.53
	-							,

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Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti
Product Group: Interconnection

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
А	В	С	D	E	F	G B * (C Thru F)	Н	і H * (G/60)
UDIT DS0 REARRANGEMENT SINGLE OFFICE manual (con't)						2 (0)		(3/33)
REMOVE CROSS-CONNECT	2.3	1.000			0.700	1.61	\$43.81	\$1.18
COMPLETE CROSS-CONNECT	4	1.000			0.700	2.80	\$43.81	\$2.04
PERFORM LINE/DROP TESTING	8	1.000			0.700	5.60	\$43.81	\$4.09
COMPLETE CONFORMANCE TEST	15	1.000			0.700	10.50	\$43.81	\$7.67
POST COMPLETE IN WFA-DI	2	1.000			0.700	1.40	\$43.81	\$1.02
COMPLETE WITH CCT-I	3	1.000			0.700	2.10	\$43.81	\$1.53
Subtotal - CENTRAL OFFICE FRAMES						29.61		\$21.62
-SERVICE DELIVERY IMPLEMENTOR .7 probability reflects 30% reduction to work time estimates ordered.								
SCREEN WFA FOR CIRCUIT	10	1.000			0.700	7.00	\$43.81	\$5.11
VERIFY LNO COMPLETION	10	1.000			0.700	7.00	\$43.81	\$5.11
COORDINATE CIRCUIT TEST	15	1.000			0.700	10.50	\$43.81	\$7.67
NOTIFY CUSTOMER	5	1.000			0.700	3.50	\$43.81	\$2.56
COMPLETE CIRCUIT IN WFA/C	10	1.000			0.700	7.00	\$43.81	\$5.11
Subtotal - SERVICE DELIVERY IMPLEMENTOR						35.00		\$25.56
Total For Service:						129.92		\$91.11

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Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	[
						B * (C Thru F)		H * (G/60)

UDIT DS0 REARRANGEMENT SINGLE OFFICE manual (con't)

3737 Direct Cost			\$91.11
3738			
3739	Cost	Cost	
3740	Calculation	Factor	Cost
3741	ВС	D	E
3742 Directly Assigned			
3743 Product Management Expense	D3743*E3737	0.040393	\$3.68
3744 Sales Expense	D3744*E3737	0.014960	\$1.36
3745 Product Advertising Expense	D3745*E3737	0.000000	\$0.0
Business Fees (Other Operating Taxes)	D3746*Sum(E3737:E3745)	0.042595	<u>\$4.1</u>
3747 Directly Assigned Costs	Sum(E3737:E3746)		\$9.1
3748 3749 Total Direct Costs	E3737+E3747		£400.0
3749 Total Direct Costs 3750	E3/3/+E3/4/		\$100.2
3751 Directly Attributed			
3752 Network Operations	D3752*E3749	0.056129	\$5.6
3753 Network Support Assets	D3753*E3749	0.014074	\$1.4
3754 General Support Assets	D3754*E3749	0.057904	\$5.8
3755 General Purpose Computers	D3755*E3749	0.040926	\$4.1
3756 Uncollectible	D3756*E3749	0.001136	\$0.1
3757 Accounting & Finance Expense	D3757*E3749	0.010471	\$1.0
3758 Human Resources Expense	D3758*E3749	0.009808	\$0.9
3759 Information Management Expense	D3759*E3749	0.068149	\$6.8
3760 Intangibles	D3760*E3749	0.002634	\$0.2
3761 Directly Attributed Costs	Sum(E3752:E3760)		\$26.1
3762	,		
3763 TELRIC	E3752+E3761		\$126.4
3764 3765 Common			
3766 Executive Expense	D3766*E3763	0.008052	\$1.0
3767 Planning Expense	D3767*E3763	0.000682	\$0.0
3768 External Relations Expense	D3768*E3763	0.009631	\$1.2
3769 Legal Expense	D3769*E3763	0.007338	\$0.9
3770 Other Procurement Expense	D3770*E3763	0.002772	\$0.3
3771 Research & Development Expense	D3771*E3763	0.000042	\$0.0
3772 Other General and Admin Expense	D3772*E3763	0.019104	\$2.4
3773 Common Costs	Sum(E3766:E3772)	2.310101	\$6.0
3774	(
3775 TELRIC + Common Costs	E3763+E3773		\$132.46

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Study Name: PART D FINAL ORDER NRC STUDY 7246 A Study Year: 2001

Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G B * (C Thru F)	Н	I H * (G/60)
						(,		(,
UDIT HICAP REARRANGEMENT DUAL OFFICE mechanized								
ADD								
-SERVICE DELIVERY COORDINATOR								
.7 probability reflects 30% reduction to work time estimates ordered.								
VERIFY ASR	5	1.000			0.700	3.50	\$40.03	\$2.34
VERIFY COPROVIDER	15	1.000			0.700	10.50	\$40.03	\$7.01
CHECK BILLING CHECKLIST	5	1.000			0.700	3.50	\$40.03	\$2.34
VERIFY LOA	1	1.000			0.700	0.70	\$40.03	\$0.47
VERIFY TAXI	2 5	1.000			0.700	1.40	\$40.03	\$0.93
INTRA-CO CALLS CHECK CONTRACT ON FOC	5 5	1.000			0.700	3.50	\$40.03	\$2.34
FOC	5	1.000 1.000			0.700 0.700	3.50 0.70	\$40.03 \$40.03	\$2.34 \$0.47
CHECK CONTRACT/SIG	5	1.000			0.700	3.50	\$40.03	\$2.34
CHECK BILLING CHECKLIST RATE	10	1.000			0.700	7.00	\$40.03	\$4.67
ORDER DIST TUF/IABS	5	1.000			0.700	3.50	\$40.03	\$2.34
ORD COMPLETION /VALIDATION	3	1.000			0.700	2.10	\$40.03	\$1.40
CHECK WFA	2	1.000			0.700	1.40	\$40.03	\$0.93
EXACT COMPLETION	2	1.000			0.700	1.40	\$40.03	\$0.93
CHECK ORD POSTED IN IABS	2	1.000			0.700	1.40	\$40.03	\$0.93
Subtotal - SERVICE DELIVERY COORDINATOR						47.60		\$31.76
								•
-DESIGN								
Probabilities are % manual work required.								
.7 probability reflects 30% reduction to work time estimates ordered.								
ORDER HANDLING/SCREENING	5	1.000			0.700	3.50	\$44.31	\$2.58
GOC ORDER LOG	6	1.000			0.700	4.20	\$44.31	\$3.10
ENTER WA MASK	5	1.000			0.700	3.50	\$44.31	\$2.58
PREP LOOP INPUT/DRI	15	1.000			0.700	10.50	\$44.31	\$7.75
DISCONNECT CIRCUIT	5	1.000			0.700	3.50	\$44.31	\$2.58
CIRCUIT DESIGN DISTRIBUTE WORD DOC	30 2	1.000 1.000			0.700 0.700	21.00 1.40	\$44.31 \$44.31	\$15.51 \$1.03
DISTRIBUTE WORD DOG	2	1.000			0.700	1.40	Ф44.51	\$1.03
Subtotal - DESIGN						47.60		\$35.15
-CENTRAL OFFICE FRAMES								
2 probability is work done in two co's.								
.7 probability reflects 30% reduction to work time estimates ordered.								
ANALYZE ORDER	5	1.000	2.000		0.700	7.00	\$43.81	\$5.11
CONTACT CCTI TO WORK ORDER	3	1.000	2.000		0.700	4.20	\$43.81	\$3.07
REMOVE CROSS-CONNECT	2.3	1.000	2.000		0.700	3.22	\$43.81	\$2.35
COMPLETE CROSS-CONNECT	4	1.000	2.000		0.700	5.60	\$43.81	\$4.09
								,

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Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G	Н	1
						B * (C Thru F)		H * (G/60)
UDIT HICAP REARRANGEMENT DUAL OFFICE mechanized (con't)								
PERFORM LINE/DROP TESTING	8	1.000	2.000		0.700	11.20	\$43.81	\$8.18
COMPLETE CONFORMANCE TEST	15	1.000			0.700	10.50	\$43.81	\$7.67
POST COMPLETE IN WFA-DI	2	1.000	2.000		0.700	2.80	\$43.81	\$2.04
COMPLETE WITH CCT-I	3	1.000	2.000		0.700	4.20	\$43.81	\$3.07
Subtotal - CENTRAL OFFICE FRAMES						48.72		\$35.57
-SERVICE DELIVERY IMPLEMENTOR								•
.7 probability reflects 30% reduction to work time estimates ordered.								
SCREEN WFA FOR CIRCUIT	10	1.000			0.700	7.00	\$43.81	\$5.11
VERIFY LNO COMPLETION	10	1.000			0.700	7.00	\$43.81	\$5.11
COORDINATE CIRCUIT TEST	15	1.000			0.700	10.50	\$43.81	\$7.67
NOTIFY CUSTOMER	5	1.000			0.700	3.50	\$43.81	\$2.56
COMPLETE CIRCUIT IN WFA/C	10	1.000			0.700	7.00	\$43.81	\$5.11
Subtotal - SERVICE DELIVERY IMPLEMENTOR						35.00		\$25.56
Total For Service:						178.92		\$128.04

Qwest Advice No. 3376T Page 100 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	[
						B * (C Thru F)		H * (G/60)

UDIT HICAP REARRANGEMENT DUAL OFFICE mechanized (con't)

3874	Cost	Cost	
8875	Calculation	Factor	Cost
8876	ВС	D	Е
8877 Directly Assigned			
3878 Product Management Expense	D3878*E3872	0.040393	\$5.1
3879 Sales Expense	D3879*E3872	0.014960	\$1.9
3880 Product Advertising Expense	D3880*E3872	0.000000	\$0.0
8881 Business Fees (Other Operating Taxes)	D3881*Sum(E3872:E3880)	0.042595	\$5.7
882 Directly Assigned Costs	Sum(E3872:E3881)		\$12.8
8883			
8884 Total Direct Costs	E3872+E3882		\$140.8
8885			
3886 Directly Attributed			
8887 Network Operations	D3887*E3884	0.056129	\$7.9
3888 Network Support Assets	D3888*E3884	0.014074	\$1.9
8889 General Support Assets	D3889*E3884	0.057904	\$8.
3890 General Purpose Computers	D3890*E3884	0.040926	\$5.7
3891 Uncollectible	D3891*E3884	0.001136	\$0.
8892 Accounting & Finance Expense	D3892*E3884	0.010471	\$1.4
3893 Human Resources Expense	D3893*E3884	0.009808	\$1.3
8894 Information Management Expense	D3894*E3884	0.068149	\$9.0
B895 Intangibles	D3895*E3884	0.002634	\$0.3
8896 Directly Attributed Costs	Sum(E3887:E3895)		\$36.8
8897 8898 TELRIC	E3887+E3896		\$177.0
3899			
3900 Common			
3901 Executive Expense	D3901*E3898	0.008052	\$1.4
3902 Planning Expense	D3902*E3898	0.000682	\$0.
3903 External Relations Expense	D3903*E3898	0.009631	\$1.7
3904 Legal Expense	D3904*E3898	0.007338	\$1.
3905 Other Procurement Expense	D3905*E3898	0.002772	\$0.
3906 Research & Development Expense	D3906*E3898	0.000042	\$0.
3907 Other General and Admin Expense	D3907*E3898	0.019104	\$3.

Qwest Advice No. 3376T Page 101 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti Product Group: Interconnection

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	В	С	D	Е	F	G B * (C Thru F)	Н	I H * (G/60)
UDIT HICAP REARRANGEMENT DUAL OFFICE manual								
<u>*ADD*</u>								
-SERVICE DELIVERY COORDINATOR								
.7 probability reflects 30% reduction to work time estimates ordered.								
VERIFY ASR	5	1.000			0.700	3.50	\$40.03	\$2.34
VERIFY COPROVIDER CHECK BILLING CHECKLIST	15 5	1.000 1.000			0.700 0.700	10.50 3.50	\$40.03 \$40.03	\$7.01 \$2.34
INPUT ASR INTO EXACT	5 8	1.000			0.700	5.60	\$40.03 \$40.03	\$2.34 \$3.74
VERIFY LOA	1	1.000			0.700	0.70	\$40.03	\$0.47
VERIFY TAXI	2	1.000			0.700	1.40	\$40.03	\$0.93
INTRA-CO CALLS	5	1.000			0.700	3.50	\$40.03	\$2.34
CHECK CONTRACT ON FOC	5	1.000			0.700	3.50	\$40.03	\$2.34
FOC	1	1.000			0.700	0.70	\$40.03	\$0.47
MANUAL FOC	10	1.000			0.700	7.00	\$40.03	\$4.67
CHECK CONTRACT/SIG	5	1.000			0.700	3.50	\$40.03	\$2.34
CHECK BILLING CHECKLIST RATE	10	1.000			0.700	7.00	\$40.03	\$4.67
ORDER DIST TUF/IABS	5	1.000			0.700	3.50	\$40.03	\$2.34
ORD COMPLETION /VALIDATION	3	1.000			0.700	2.10	\$40.03	\$1.40
CHECK WFA EXACT COMPLETION	2	1.000			0.700	1.40	\$40.03 \$40.03	\$0.93
CHECK ORD POSTED IN IABS	2 2	1.000 1.000			0.700 0.700	1.40 1.40	\$40.03 \$40.03	\$0.93 \$0.93
CHECK ORD FOSTED IN IABS	2	1.000			0.700	1.40	φ40.03	Φ0.93
Subtotal - SERVICE DELIVERY COORDINATOR						60.20		\$40.16
-DESIGN								
Probabilities are % manual work required.								
.7 probability reflects 30% reduction to work time estimates ordered.								
ORDER HANDLING/SCREENING	5	1.000			0.700	3.50	\$44.31	\$2.58
GOC ORDER LOG	6	1.000			0.700	4.20	\$44.31	\$3.10
ENTER WA MASK	5	1.000			0.700	3.50	\$44.31	\$2.58
PREP LOOP INPUT/DRI DISCONNECT CIRCUIT	15 5	1.000 1.000			0.700 0.700	10.50 3.50	\$44.31 \$44.31	\$7.75 \$2.58
CIRCUIT DESIGN	30	1.000			0.700	21.00	\$44.31	\$15.51
DISTRIBUTE WORD DOC	2	1.000			0.700	1.40	\$44.31	\$1.03
Subtotal - DESIGN						47.60		\$35.15
								\$23.10
-CENTRAL OFFICE FRAMES								
2 probability is work done in two co's.								
.7 probability reflects 30% reduction to work time estimates ordered.							.	
ANALYZE ORDER	5	1.000	2.000		0.700	7.00	\$43.81	\$5.11
CONTACT CCTI TO WORK ORDER	3	1.000	2.000		0.700	4.20	\$43.81	\$3.07

Qwest Advice No. 3376T Page 102 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	В	C	D	E	F	G	H	
						B * (C Thru F)		H * (G/60)
UDIT HICAP REARRANGEMENT DUAL OFFICE manual (con't)								
REMOVE CROSS-CONNECT	2.3	1.000	2.000		0.700	3.22	\$43.81	\$2.35
COMPLETE CROSS-CONNECT	4	1.000	2.000		0.700	5.60	\$43.81	\$4.09
PERFORM LINE/DROP TESTING	8	1.000	2.000		0.700	11.20	\$43.81	\$8.18
COMPLETE CONFORMANCE TEST	15	1.000			0.700	10.50	\$43.81	\$7.67
POST COMPLETE IN WFA-DI	2	1.000	2.000		0.700	2.80	\$43.81	\$2.04
COMPLETE WITH CCT-I	3	1.000	2.000		0.700	4.20	\$43.81	\$3.07
Subtotal - CENTRAL OFFICE FRAMES						48.72		\$35.57
-SERVICE DELIVERY IMPLEMENTOR								
.7 probability reflects 30% reduction to work time estimates ordered.								
SCREEN WFA FOR CIRCUIT	10	1.000			0.700	7.00	\$43.81	\$5.11
VERIFY LNO COMPLETION	10	1.000			0.700	7.00	\$43.81	\$5.11
COORDINATE CIRCUIT TEST	15	1.000			0.700	10.50	\$43.81	\$7.67
NOTIFY CUSTOMER	5	1.000			0.700	3.50	\$43.81	\$2.56
COMPLETE CIRCUIT IN WFA/C	10	1.000			0.700	7.00	\$43.81	\$5.11
Subtotal - SERVICE DELIVERY IMPLEMENTOR						35.00		\$25.56
Total For Service:						191.52		\$136.45

Qwest Advice No. 3376T Page 103 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	[
						B * (C Thru F)		H * (G/60)

UDIT HICAP REARRANGEMENT DUAL OFFICE manual (con't)

4007 Direct Cost			\$136.45
4008			
4009	Cost	Cost	
4010	Calculation	Factor	Cost
4011	ВС	D	E
4012 Directly Assigned			
4013 Product Management Expense	D4013*E4007	0.040393	\$5.51
4014 Sales Expense	D4014*E4007	0.014960	\$2.04
4015 Product Advertising Expense	D4015*E4007	0.000000	\$0.00
4016 Business Fees (Other Operating Taxes)	D4016*Sum(E4007:E4015)	0.042595	<u>\$6.13</u>
4017 Directly Assigned Costs	Sum(E4007:E4016)		\$13.69
4018			
4019 Total Direct Costs	E4007+E4017		\$150.13
4020			
4021 Directly Attributed			
4022 Network Operations	D4022*E4019	0.056129	\$8.43
4023 Network Support Assets	D4023*E4019	0.014074	\$2.11
4024 General Support Assets	D4024*E4019	0.057904	\$8.69
4025 General Purpose Computers	D4025*E4019	0.040926	\$6.14
4026 Uncollectible	D4026*E4019	0.001136	\$0.17
4027 Accounting & Finance Expense	D4027*E4019	0.010471	\$1.57
4028 Human Resources Expense	D4028*E4019	0.009808	\$1.47
4029 Information Management Expense	D4029*E4019	0.068149	\$10.23
4030 Intangibles	D4030*E4019	0.002634	\$0.40
4031 Directly Attributed Costs	Sum(E4022:E4030)		\$39.22
4032			
4033 TELRIC	E4022+E4031		\$189.35
4034			
4035 Common			
4036 Executive Expense	D4036*E4033	0.008052	\$1.52
4037 Planning Expense	D4037*E4033	0.000682	\$0.13
4038 External Relations Expense	D4038*E4033	0.009631	\$1.82
4039 Legal Expense	D4039*E4033	0.007338	\$1.39
4040 Other Procurement Expense	D4040*E4033	0.002772	\$0.52
4041 Research & Development Expense	D4041*E4033	0.000042	\$0.01
4042 Other General and Admin Expense	D4042*E4033	0.019104	\$3.62
4043 Common Costs	Sum(E4036:E4042)		\$9.02
4044			
4045 TELRIC + Common Costs	E4033+E4043		\$198.37

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Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti Product Group: Interconnection

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	В	С	D	Е	F	G B * (C Thru F)	Н	I H * (G/60)
						B (C IIIId I)		11 (0/00)
UDIT HICAP REARRANGEMENT SINGLE OFFICE mechanized								
ADD								
-SERVICE DELIVERY COORDINATOR								
.7 probability reflects 30% reduction to work time estimates ordered.	_	4 000			0.700	0.50	0.40.00	40.04
VERIFY ASR VERIFY COPROVIDER	5	1.000			0.700	3.50	\$40.03 \$40.03	\$2.34 \$7.01
CHECK BILLING CHECKLIST	15 5	1.000 1.000			0.700 0.700	10.50 3.50	\$40.03 \$40.03	\$7.01 \$2.34
VERIFY LOA	1	1.000			0.700	0.70	\$40.03	\$0.47
VERIFY TAXI	2	1.000			0.700	1.40	\$40.03	\$0.93
INTRA-CO CALLS	5	1.000			0.700	3.50	\$40.03	\$2.34
CHECK CONTRACT ON FOC	5	1.000			0.700	3.50	\$40.03	\$2.34
FOC	1	1.000			0.700	0.70	\$40.03	\$0.47
CHECK CONTRACT/SIG	5	1.000			0.700	3.50	\$40.03	\$2.34
CHECK BILLING CHECKLIST RATE	10	1.000			0.700	7.00	\$40.03	\$4.67
ORDER DIST TUF/IABS ORD COMPLETION /VALIDATION	5	1.000			0.700	3.50	\$40.03 \$40.03	\$2.34
CHECK WFA	3 2	1.000 1.000			0.700 0.700	2.10 1.40	\$40.03 \$40.03	\$1.40 \$0.93
EXACT COMPLETION	2	1.000			0.700	1.40	\$40.03	\$0.93
CHECK ORD POSTED IN IABS	2	1.000			0.700	1.40	\$40.03	\$0.93
Subtotal - SERVICE DELIVERY COORDINATOR						47.60		\$31.76
-DESIGN								
Probabilities are % manual work required.								
.7 probability reflects 30% reduction to work time estimates ordered.								
ORDER HANDLING/SCREENING	5	1.000			0.700	3.50	\$44.31	\$2.58
GOC ORDER LOG	6	1.000			0.700	4.20	\$44.31	\$3.10
ENTER WA MASK	.5	1.000			0.700	3.50	\$44.31	\$2.58
PREP LOOP INPUT/DRI	15	1.000			0.700	10.50	\$44.31	\$7.75
DISCONNECT CIRCUIT CIRCUIT DESIGN	5 30	1.000 1.000			0.700 0.700	3.50 21.00	\$44.31 \$44.31	\$2.58 \$15.51
DISTRIBUTE WORD DOC	2	1.000			0.700	1.40	\$44.31	\$1.03
Subtotal - DESIGN						47.60		\$35.15
-CENTRAL OFFICE FRAMES								
Work done in one central office.								
.7 probability reflects 30% reduction to work time estimates ordered.	-	4 000			0.700	0.50	040.04	#0.50
ANALYZE ORDER CONTACT CCTI TO WORK ORDER	5 3	1.000 1.000			0.700 0.700	3.50 2.10	\$43.81 \$43.81	\$2.56 \$1.53
REMOVE CROSS-CONNECT	2.3	1.000			0.700	2.10 1.61	\$43.81 \$43.81	\$1.53 \$1.18
COMPLETE CROSS-CONNECT	2.3	1.000			0.700	2.80	\$43.81	\$2.04
22 21.2 31.000 00111201	7	1.000			0.7 00	2.00	ψ 10.01	Ψ2.04

Qwest Advice No. 3376T Page 105 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A Study Year: 2001

Analyst: Deffley/Eoriatti
Product Group: Interconnection

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G	Н	
						B * (C Thru F)		H * (G/60)
UDIT HICAP REARRANGEMENT SINGLE OFFICE mechanized (con't)								
PERFORM LINE/DROP TESTING	8	1.000			0.700	5.60	\$43.81	\$4.09
COMPLETE CONFORMANCE TEST	15	1.000			0.700	10.50	\$43.81	\$7.67
POST COMPLETE IN WFA-DI	2	1.000			0.700	1.40	\$43.81	\$1.02
COMPLETE WITH CCT-I	3	1.000			0.700	2.10	\$43.81	\$1.53
Subtotal - CENTRAL OFFICE FRAMES						29.61		\$21.62
-SERVICE DELIVERY IMPLEMENTOR								
.7 probability reflects 30% reduction to work time estimates ordered.								
SCREEN WFA FOR CIRCUIT	10	1.000			0.700	7.00	\$43.81	\$5.11
VERIFY LNO COMPLETION	10	1.000			0.700	7.00	\$43.81	\$5.11
COORDINATE CIRCUIT TEST	15	1.000			0.700	10.50	\$43.81	\$7.67
NOTIFY CUSTOMER	5	1.000			0.700	3.50	\$43.81	\$2.56
COMPLETE CIRCUIT IN WFA/C	10	1.000			0.700	7.00	\$43.81	\$5.11
Subtotal - SERVICE DELIVERY IMPLEMENTOR						35.00		\$25.56
Total For Service:						159.81		\$114.09

Qwest Advice No. 3376T Page 106 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	[
						B * (C Thru F)		H * (G/60)

UDIT HICAP REARRANGEMENT SINGLE OFFICE mechanized (con't)

4142 Direct Cost			\$114.09
4143			
4144		Cost	
4145		actor	Cost
4146	ВС	D	E
4147 Directly Assigned			
4148 Product Management Expense	D4148*E4142	0.040393	\$4.61
4149 Sales Expense	D4149*E4142	0.014960	\$1.71
4150 Product Advertising Expense	D4150*E4142	0.000000	\$0.00
4151 Business Fees (Other Operating Taxes)	D4151*Sum(E4142:E4150)	0.042595	\$5.13
4152 Directly Assigned Costs	Sum(E4142:E4151)		\$11.44
4153			
4154 Total Direct Costs	E4142+E4152		\$125.53
4155			
4156 Directly Attributed			
4157 Network Operations	D4157*E4154	0.056129	\$7.05
4158 Network Support Assets	D4158*E4154	0.014074	\$1.77
4159 General Support Assets	D4159*E4154	0.057904	\$7.27
4160 General Purpose Computers	D4160*E4154	0.040926	\$5.14
4161 Uncollectible	D4161*E4154	0.001136	\$0.14
4162 Accounting & Finance Expense	D4162*E4154	0.010471	\$1.31
4163 Human Resources Expense	D4163*E4154	0.009808	\$1.23
4164 Information Management Expense	D4164*E4154	0.068149	\$8.55
4165 Intangibles	D4165*E4154	0.002634	\$0.33
4166 Directly Attributed Costs	Sum(E4157:E4165)		\$32.79
4167			
4168 TELRIC	E4157+E4166		\$158.32
4169			
4170 Common			
4171 Executive Expense	D4171*E4168	0.008052	\$1.27
4172 Planning Expense	D4172*E4168	0.000682	\$0.11
4173 External Relations Expense	D4173*E4168	0.009631	\$1.52
4174 Legal Expense	D4174*E4168	0.007338	\$1.16
4175 Other Procurement Expense	D4175*E4168	0.002772	\$0.44
4176 Research & Development Expense	D4176*E4168	0.000042	\$0.01
4177 Other General and Admin Expense	D4177*E4168	0.019104	\$3.02
4178 Common Costs	Sum(E4171:E4177)		\$7.54
4179			
4180 TELRIC + Common Costs	E4168+E4178		\$165.86

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Study Name: PART D FINAL ORDER NRC STUDY 7246 A Study Year: 2001

Study Year: 2001 Analyst: Deffley/Eoriatti Product Group: Interconnection

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	В	С	D	E	F	G B * (C Thru F)	Н	I H * (G/60)
UDIT HICAP REARRANGEMENT SINGLE OFFICE manual								
ADD								
-SERVICE DELIVERY COORDINATOR								
.7 probability reflects 30% reduction to work time estimates ordered.	_	4 000			0.700	0.50	A 40.00	**
VERIFY ASR	5	1.000			0.700	3.50	\$40.03 \$40.03	\$2.34
VERIFY COPROVIDER CHECK BILLING CHECKLIST	15 5	1.000 1.000			0.700 0.700	10.50 3.50	\$40.03 \$40.03	\$7.01 \$2.34
INPUT ASR INTO EXACT	8	1.000			0.700	5.60	\$40.03	\$3.74
VERIFY LOA	1	1.000			0.700	0.70	\$40.03	\$0.47
VERIFY TAXI	2	1.000			0.700	1.40	\$40.03	\$0.93
INTRA-CO CALLS	5	1.000			0.700	3.50	\$40.03	\$2.34
CHECK CONTRACT ON FOC	5	1.000			0.700	3.50	\$40.03	\$2.34
FOC	.1	1.000			0.700	0.70	\$40.03	\$0.47
MANUAL FOC	10	1.000			0.700	7.00	\$40.03	\$4.67
CHECK CONTRACT/SIG CHECK BILLING CHECKLIST RATE	5 10	1.000 1.000			0.700 0.700	3.50 7.00	\$40.03 \$40.03	\$2.34 \$4.67
ORDER DIST TUF/IABS	5	1.000			0.700	3.50	\$40.03	\$2.34
ORD COMPLETION /VALIDATION	3	1.000			0.700	2.10	\$40.03	\$1.40
CHECK WFA	2	1.000			0.700	1.40	\$40.03	\$0.93
EXACT COMPLETION	2	1.000			0.700	1.40	\$40.03	\$0.93
CHECK ORD POSTED IN IABS	2	1.000			0.700	1.40	\$40.03	\$0.93
Subtotal - SERVICE DELIVERY COORDINATOR						60.20		\$40.16
-DESIGN								
Probabilities are % manual work required.								
.7 probability reflects 30% reduction to work time estimates ordered.	_	4 000			0.700	0.50	01101	00.50
ORDER HANDLING/SCREENING GOC ORDER LOG	5 6	1.000			0.700	3.50	\$44.31 \$44.31	\$2.58
ENTER WA MASK	5	1.000 1.000			0.700 0.700	4.20 3.50	\$44.31 \$44.31	\$3.10 \$2.58
PREP LOOP INPUT/DRI	15	1.000			0.700	10.50	\$44.31	\$7.75
DISCONNECT CIRCUIT	5	1.000			0.700	3.50	\$44.31	\$2.58
CIRCUIT DESIGN	30	1.000			0.700	21.00	\$44.31	\$15.51
DISTRIBUTE WORD DOC	2	1.000			0.700	1.40	\$44.31	\$1.03
Subtotal - DESIGN						47.60		\$35.15
-CENTRAL OFFICE FRAMES								
Work done in one central office.								
.7 probability reflects 30% reduction to work time estimates ordered.								
ANALYZE ORDER	5	1.000			0.700	3.50	\$43.81	\$2.56
CONTACT CCTI TO WORK ORDER	3	1.000			0.700	2.10	\$43.81	\$1.53

Qwest Advice No. 3376T Page 108 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti
Product Group: Interconnection

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	B	C	D	E	F	G	H	
,	_	· ·	_	_	·	B * (C Thru F)		H * (G/60)
UDIT HICAP REARRANGEMENT SINGLE OFFICE manual (con't)								
REMOVE CROSS-CONNECT	2.3	1.000			0.700	1.61	\$43.81	\$1.18
COMPLETE CROSS-CONNECT	4	1.000			0.700	2.80	\$43.81	\$2.04
PERFORM LINE/DROP TESTING	8	1.000			0.700	5.60	\$43.81	\$4.09
COMPLETE CONFORMANCE TEST	15	1.000			0.700	10.50	\$43.81	\$7.67
POST COMPLETE IN WFA-DI	2	1.000			0.700	1.40	\$43.81	\$1.02
COMPLETE WITH CCT-I	3	1.000			0.700	2.10	\$43.81	\$1.53
Subtotal - CENTRAL OFFICE FRAMES						29.61		\$21.62
-SERVICE DELIVERY IMPLEMENTOR								
.7 probability reflects 30% reduction to work time estimates ordered.								
SCREEN WFA FOR CIRCUIT	10	1.000			0.700	7.00	\$43.81	\$5.11
VERIFY LNO COMPLETION	10	1.000			0.700	7.00	\$43.81	\$5.11
COORDINATE CIRCUIT TEST	15	1.000			0.700	10.50	\$43.81	\$7.67
NOTIFY CUSTOMER	5	1.000			0.700	3.50	\$43.81	\$2.56
COMPLETE CIRCUIT IN WFA/C	10	1.000			0.700	7.00	\$43.81	\$5.11
Subtotal - SERVICE DELIVERY IMPLEMENTOR						35.00		\$25.56
Total For Service:						172.41		\$122.49

Qwest Advice No. 3376T Page 109 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	[
						B * (C Thru F)		H * (G/60)

UDIT HICAP REARRANGEMENT SINGLE OFFICE manual (con't)

4278 4279	Cost	Cost	
4279 4280	Calculation	Factor	Cost
4281	B C	D	E
4282 Directly Assigned	В	ע	
• •	D4283*E4277	0.040393	\$4.9
4283 Product Management Expense 4284 Sales Expense	D4263 E4277 D4284*E4277	0.040393	\$4.9 \$1.8
4285 Product Advertising Expense	D4264 E4277	0.000000	\$0.0
4286 Business Fees (Other Operating Taxes)	D4265 E4277 D4286*Sum(E4277:E4285)	0.00000	\$5.5
4287 Directly Assigned Costs	Sum(E4277:E4286)	0.042595	\$3.5 \$12.2
4288	Sum(E4277.E4200)		Φ12.2
4289 Total Direct Costs	E4277+E4287		\$134.7
4290			•
4291 Directly Attributed			
4292 Network Operations	D4292*E4289	0.056129	\$7.5
4293 Network Support Assets	D4293*E4289	0.014074	\$1.9
4294 General Support Assets	D4294*E4289	0.057904	\$7.8
4295 General Purpose Computers	D4295*E4289	0.040926	\$5.5
4296 Uncollectible	D4296*E4289	0.001136	\$0.1
4297 Accounting & Finance Expense	D4297*E4289	0.010471	\$1.4
4298 Human Resources Expense	D4298*E4289	0.009808	\$1.3
4299 Information Management Expense	D4299*E4289	0.068149	\$9.1
4300 Intangibles	D4300*E4289	0.002634	\$0.3
4301 Directly Attributed Costs	Sum(E4292:E4300)		\$35.2
4302			
4303 TELRIC	E4292+E4301		\$169.9
4304			
4305 Common			
4306 Executive Expense	D4306*E4303	0.008052	\$1.3
4307 Planning Expense	D4307*E4303	0.000682	\$0.1
4308 External Relations Expense	D4308*E4303	0.009631	\$1.6
4309 Legal Expense	D4309*E4303	0.007338	\$1.2
4310 Other Procurement Expense	D4310*E4303	0.002772	\$0.4
4311 Research & Development Expense	D4311*E4303	0.000042	\$0.0
4312 Other General and Admin Expense	D4312*E4303	0.019104	\$3.2
4313 Common Costs 4314	Sum(E4306:E4312)		\$8.0
4314 4315 TELRIC + Common Costs	E4303+E4313		£470.0
4313 IELKIC + COMMON COSTS	E43U3+E4313		\$178.0

Qwest Advice No. 3376T Page 110 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A Study Year: 2001

Analyst: Deffley/Eoriatti
Product Group: Interconnection

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	B	C	D	E	F	G B * (C Thru F)	Н	H * (G/60)
DARK FIBER - ENGINEER VERIFICATION								
ADD								
-OUTSIDE PLANT ENGINEERING (OSP) - PLANNING .7 probability reflects 30% reduction to work time estimates ordered. Check records for available splice to connect dead fiber to live spare fiber	120	1.000			0.700	84.00	\$51.76	\$72.46
Subtotal - OUTSIDE PLANT ENGINEERING (OSP) - PLANNING						84.00		\$72.40
-OUTSIDE PLANT ENGINEERING (OSP) - TACTICAL PLANNING .7 probability reflects 30% reduction to work time estimates ordered. Receive and review request	10	1.000			0.700	7.00	\$51.76	\$6.04
Access TIRKS Access OSPFM/CIMAGE Navigate to work location in OSPFM/CIMAGE and find work area	15 10 15	1.000 1.000 1.000			0.700 0.700 0.700	10.50 7.00 10.50	\$51.76 \$51.76 \$51.76	\$9.0 \$6.0 \$9.0
Verify fiber counts still spare and available, check TIRKS data Locate splices for connectivity Complie response to CPMC of field findings	30 60 30	1.000 1.000 1.000			0.700 0.700 0.700	21.00 42.00 21.00	\$51.76 \$51.76 \$51.76	\$18.12 \$36.2 \$18.12
Subtotal - OUTSIDE PLANT ENGINEERING (OSP) - TACTICAL PLANNING	30	1.000			0.700	119.00	φ51.76	\$102.6
Total For Service:						203.00		\$175.12

Qwest Advice No. 3376T Page 111 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G	Н	
						B * (C Thru F)		H * (G/60)

DARK FIBER - ENGINEER VERIFICATION (con't)

4367 Direct Cost			\$175.12
4368			
4369	Cost	Cost	
4370	Calculation	Factor	Cost
4371	ВС	D	E
4372 Directly Assigned			
4373 Product Management Expense	D4373*E4367	0.040393	\$7.07
4374 Sales Expense	D4374*E4367	0.014960	\$2.62
4375 Product Advertising Expense	D4375*E4367	0.000000	\$0.00
4376 Business Fees (Other Operating Taxes)	D4376*Sum(E4367:E4375)	0.042595	<u>\$7.87</u>
4377 Directly Assigned Costs	Sum(E4367:E4376)		\$17.57
4378 4379 Total Direct Costs	E4367+E4377		£400.00
4379 Total Direct Costs 4380	E430/+E43//		\$192.69
4381 Directly Attributed			
4382 Network Operations	D4382*E4379	0.056129	\$10.82
4383 Network Support Assets	D4383*E4379	0.014074	\$2.71
4384 General Support Assets	D4384*E4379	0.057904	\$11.16
4385 General Purpose Computers	D4385*E4379	0.040926	\$7.89
4386 Uncollectible	D4386*E4379	0.001136	\$0.22
4387 Accounting & Finance Expense	D4387*E4379	0.010471	\$2.02
4388 Human Resources Expense	D4388*E4379	0.009808	\$1.89
4389 Information Management Expense	D4389*E4379	0.068149	\$13.13
4390 Intangibles	D4390*E4379	0.002634	\$0.51
4391 Directly Attributed Costs	Sum(E4382:E4390)		\$50.34
4392	· ,		
4393 TELRIC	E4382+E4391		\$243.02
4394 4395 Common			
4396 Executive Expense	D4396*E4393	0.008052	\$1.96
4397 Planning Expense	D4397*E4393	0.000682	\$0.17
4398 External Relations Expense	D4398*E4393	0.009631	\$2.34
4399 Legal Expense	D4399*E4393	0.003331	\$1.78
4400 Other Procurement Expense	D4400*E4393	0.007338	\$0.67
4401 Research & Development Expense	D4401*E4393	0.000042	\$0.07
4402 Other General and Admin Expense	D4402*E4393	0.019104	\$4.64
4403 Common Costs	Sum(E4396:E4402)	0.010101	\$11.57
4404			ψοι
4405 TELRIC + Common Costs	E4393+E4403		\$254.60

Qwest Advice No. 3376T Page 112 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	В	C	D	Ē	F	G B * (C Thru F)	Н	I H * (G/60)
						2 (0)		(3,55)
DARK FIBER - SPLICE								
<u>*ADD*</u>								
-COLLOCATION PROJECT MANAGEMENT CENTER (CPMC)								
.7 probability reflects 30% reduction to work time estimates ordered.								
Check e-mail for UDF request - open file - review for completeness - save to desktop	2.0	1.000			0.700	1.40	\$56.97	\$1.3
Add basic data	0.5	1.000			0.700	0.35	\$56.97	\$0.3
Add planner data to request and print Wire Center Information sheet	2.0	1.000			0.700	1.40	\$56.97	\$1.3
Compose and forward e-mail to planner - attach to request and forward to planner	2.0	1.000			0.700	1.40	\$56.97	\$1.3
Follow-up call with planner	15.0	1.000			0.700	10.50	\$56.97	\$9.9
Create virtual folders on desktop and move electronic data into folders	0.5	1.000			0.700	0.35	\$56.97	\$0.3
Print copy of e-mail to planner	2.0	1.000			0.700	1.40	\$56.97	\$1.3
Create physical folder and file	3.0	1.000			0.700	2.10	\$56.97	\$1.9
Enter request data into tracking system	5.0	1.000			0.700	3.50	\$56.97	\$3.3
Update response "due back" list	1.0	1.000			0.700	0.70	\$56.97	\$0.6
File physical folder	1.0	1.000			0.700	0.70	\$56.97	\$0.6
Verify status of planners response	15.0	1.000			0.700	10.50	\$56.97	\$9.9
Shared time for common phone calls, meetings, reports,	10.0	1.000			0.700	7.00	\$56.97	\$6.6
Receive and review response from planner	2.0	1.000			0.700	1.40	\$56.97	\$1.3
Add basic data	1.0	1.000			0.700	0.70	\$56.97	\$0.6
Compose and forward e-mail to ATR - attach to request and forward to ATR	2.0	1.000			0.700	1.40	\$56.97	\$1.3
Move file from desktop into results folder	0.5	1.000			0.700	0.35	\$56.97	\$0.3
Print copy of e-mail to ATR	2.0	1.000			0.700	1.40	\$56.97	\$1.3
Place copy of e-mail in physical folder	2.0	1.000			0.700	1.40	\$56.97	\$1.3
Fowrard completion data to ATR	2.0	1.000			0.700	1.40	\$56.97	\$1.3
Subtotal - COLLOCATION PROJECT MANAGEMENT CENTER (CPMC)						49.35		\$46.8
-OUTSIDE PLANT ENGINEERING (OSP) - PLANNING								
.7 probability reflects 30% reduction to work time estimates ordered.								
Receive and Review Request	10	1.000			0.700	7.00	\$51.76	\$6.0
Access OSPFM/CIMAGE Data Base (opening only):	10	1.000			0.700	7.00	\$51.76	\$6.0
Navigate to work location in OSPFM/CIMAGE and find work area	15	1.000			0.700	10.50	\$51.76	\$9.0
Verify fiber counts still spare and available, creat work prints,							•	·
a) Create work prints	15	1.000			0.700	10.50	\$51.76	\$9.0
b) open and detail proposal in CPD	15	1.000			0.700	10.50	\$51.76	\$9.0
c) prepare work package in CPD	15	1.000			0.700	10.50	\$51.76	\$9.0
Send package to CMC	5	1.000			0.700	3.50	\$51.76	\$3.0
Subtotal - OUTSIDE PLANT ENGINEERING (OSP) - PLANNING						59.50		\$51.33

⁻CONSTRUCTION MANAGEMENT CENTER (CMC)
.7 probability reflects 30% reduction to work time estimates ordered.

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Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti Product Group: Interconnection

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	В	С	D	E	F	G B * (C Thru F)	Н	I H * (G/60)
RK FIBER - SPLICE (con't)						, ,		, ,
Identify issues at the proposed location.	87	1.000			0.700	60.90	\$42.68	\$43.32
otal - CONSTRUCTION MANAGEMENT CENTER (CMC)						60.90		\$43.32
ICED								
<u>.ICER</u> .7 probability reflects 30% reduction to work time estimates ordered.								
[mh tech] Load material on truck	7	1.000			0.700	4.90	\$42.68	\$3.49
[mh tech] Travel from yard to job site	20	1.000			0.700	14.00	\$42.68	\$9.96
[mh tech] Set up work area protection - park truck, set out cones, remove equipment from truck	10	1.000			0.700	7.00	\$42.68	\$4.9
[mh tech] Ventilate manhole - remove lid, set up and start blower, ventilate manhole	22	1.000			0.700	15.40	\$42.68	\$10.9
[mh tech] Test for explosive gases	2	1.000			0.700	1.40	\$42.68	\$1.00
.25 probability is percent of time activity expected to occur.	_				000		ψ.2.00	Ψ
[mh tech] Pump water from manhole	10	0.250			0.700	1.75	\$42.68	\$1.2
[mh tech] Unstrap case from wall of manhole - enter manhole, identify correct splice case	5	1.000			0.700	3.50	\$42.68	\$2.49
[mh tech] Bring case to truck	2	1.000			0.700	1.40	\$42.68	\$1.00
[mh tech] Open case	2	1.000			0.700	1.40	\$42.68	\$1.0
[mh tech] Set up splice tray	5	1.000			0.700	3.50	\$42.68	\$2.4
2 probabilities represent two strands @ 2 minutes per fiber strand.	3	1.000			0.700	3.30	Ψ42.00	Ψ2.4.
[mh tech] Identify strand to be spliced	2	2.000			0.700	2.80	\$42.68	\$1.99
2 probability is two fiber strands	2	2.000			0.700	2.00	Ψ42.00	Ψ1.33
[mh tech] Splice strand - mechanical or fusion	2	2.000			0.700	2.80	\$42.68	\$1.99
[mh tech] Close splice case	8	1.000			0.700	5.60	\$42.68	\$3.98
[mh tech] Replace case in manhole	3	1.000			0.700	2.10	\$42.68	\$1.49
[mh tech] Strap case to wall of manhole	2	1.000			0.700	1.40	\$42.68	\$1.43 \$1.00
[mh tech] Remove work area protection - load equipment in truck, pick up cones	8	1.000			0.700	5.60	\$42.68	\$3.98
[mh tech] Travel back to yard	20	1.000			0.700	14.00	\$42.68	\$9.96
[co/cp tech] Load material on truck	20 7	1.000			0.700	4.90	\$42.68	\$3.49
							\$42.66	
[co/cp tech] Travel from yard to central office	20	1.000			0.700	14.00		\$9.90
[co/cp tech] Access central office - park truck, gain access, find location where fiber is terminated	15	1.000			0.700	10.50	\$42.68	\$7.4
2 probability is for the two tech locating talk pairs to extablish contact.	-	0.000			0.700	7.00	£40.00	#4.0
[co/cp tech] Establish communication with tech on job site	5	2.000			0.700	7.00	\$42.68	\$4.98
[co/cp tech] Set up light source	5	1.000			0.700	3.50	\$42.68	\$2.49
2 probabilities represent two strands @ 2 minutes per fiber strand.								
[co/cp tech] Identify strand to be spliced	2	2.000			0.700	2.80	\$42.68	\$1.99
[co/cp tech] Remove light source	5	1.000			0.700	3.50	\$42.68	\$2.4
[co/cp tech] Travel from central office to customer premises	20	1.000			0.700	14.00	\$42.68	\$9.9
[co/cp tech] Access cust prem - park truck, gain access, find location where fiber is terminated	20	1.000			0.700	14.00	\$42.68	\$9.9
2 probability is for the two tech locating talk pairs to extablish contact.								_
[co/cp tech & mh tech] Establish communication on job site	5	2.000			0.700	7.00	\$42.68	\$4.9
[co/cp tech] Set up light source	5	1.000			0.700	3.50	\$42.68	\$2.49
[co/cp tech] Remove light source	5	1.000			0.700	3.50	\$42.68	\$2.49
2 probabilities are for both techs to test fiber between co and end user location.								
[mh tech] Travel from splice point to co to test with tech at cust prem end.	20	1.000			0.700	14.00	\$42.68	\$9.96

Qwest Advice No. 3376T Page 114 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti
Product Group: Interconnection

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	
						B * (C Thru F)		H * (G/60)
DARK FIBER - SPLICE (con't)								
Gain access to co building - park truck, gain access, find location where fiber is terminated	15	1.000			0.700	10.50	\$42.68	\$7.47
Establish communication between techs	5	2.000			0.700	7.00	\$42.68	\$4.98
Set up test gear	5	2.000			0.700	7.00	\$42.68	\$4.98
Test for continuity	2	2.000			0.700	2.80	\$42.68	\$1.99
Disassemble test gear	10	2.000			0.700	14.00	\$42.68	\$9.96
Unload test gear	5	2.000			0.700	7.00	\$42.68	\$4.98
SIGN AND BARRACDE RENTAL IS 66.50. PROBABILITY OF OCCURRENCE 50%								\$33.25
Subtotal - SPLICER						239.05		\$203.29
Total For Service:						408.80		\$344.80

Qwest Advice No. 3376T Page 115 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G	Н	
						B * (C Thru F)		H * (G/60)

DARK FIBER - SPLICE (con't)

4547 Direct Cost			\$344.80
4548			
4549	Cost	Cost	
4550	Calculation	Factor	Cost
4551	ВС	D	E
4552 Directly Assigned	<u>- </u>		
4553 Product Management Expense	D4553*E4547	0.040393	\$13.93
4554 Sales Expense	D4554*E4547	0.014960	\$5.16
4555 Product Advertising Expense	D4555*E4547	0.000000	\$0.00
4556 Business Fees (Other Operating Taxes)	D4556*Sum(E4547:E4555)	0.042595	\$15.50
4557 Directly Assigned Costs	Sum(E4547:E4556)		\$34.59
4558			
4559 Total Direct Costs	E4547+E4557		\$379.39
4560			
4561 Directly Attributed			
4562 Network Operations	D4562*E4559	0.056129	\$21.29
4563 Network Support Assets	D4563*E4559	0.014074	\$5.34
4564 General Support Assets	D4564*E4559	0.057904	\$21.97
4565 General Purpose Computers	D4565*E4559	0.040926	\$15.53
4566 Uncollectible	D4566*E4559	0.001136	\$0.43
4567 Accounting & Finance Expense	D4567*E4559	0.010471	\$3.97
4568 Human Resources Expense	D4568*E4559	0.009808	\$3.72
4569 Information Management Expense	D4569*E4559	0.068149	\$25.85
4570 Intangibles	D4570*E4559	0.002634	\$1.00
4571 Directly Attributed Costs	Sum(E4562:E4570)		\$99.11
4572			
4573 TELRIC	E4562+E4571		\$478.49
4574			
4575 Common			
4576 Executive Expense	D4576*E4573	0.008052	\$3.85
4577 Planning Expense	D4577*E4573	0.000682	\$0.33
4578 External Relations Expense	D4578*E4573	0.009631	\$4.61
4579 Legal Expense	D4579*E4573	0.007338	\$3.51
4580 Other Procurement Expense	D4580*E4573	0.002772	\$1.33
4581 Research & Development Expense	D4581*E4573	0.000042	\$0.02
4582 Other General and Admin Expense	D4582*E4573	0.019104	\$9.14
4583 Common Costs	Sum(E4576:E4582)		\$22.79
4584			
4585 TELRIC + Common Costs	E4573+E4583		\$501.28

Qwest Advice No. 3376T Page 116 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A Study Year: 2001

Analyst: Deffley/Eoriatti
Product Group: Interconnection

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	В	С	D	Е	F	G B * (C Thru F)	Н	I H * (G/60)
						<i>D</i> (0 1 0 1)		11 (0/00)
LOCAL TANDEM SWITCHING - DS1 LOCAL MESSAGE TRUNK PORT INSTALL- MECH								
ADD								
-ISC - INTERCONNECT SERVICE CENTER Time estimate(s) ordered by commission staff. NO MECHANIZED ISC TIMES PREVIOUSLY FILED IN THIS DOCKET, THEREFORE, CURRENT QWEST ISC TIMES APPLIED.							•	
Process order	6	1.000				6.00	\$40.03	\$4.00
Subtotal - ISC - INTERCONNECT SERVICE CENTER						6.00		\$4.00
-DESIGN (.05, .20, .95, .80) are percent orders worked manual versus mechanized. .70 probability reflects 30% reduction to work time estimates ordered								
Log and Verify Facility (manual orders)	45	0.050	0.700			1.58	\$44.31	\$1.16
Build and validate Design Related Info (DRI) and Work Authorization (manual orders) Build and verify Circuit Design (CD) (manual orders)	6 15	0.050 0.200	0.700 0.700			0.21 2.10	\$44.31 \$44.31	\$0.16 \$1.55
Distribute Documents	4	1.000	0.700			2.10	\$44.31	\$1.55 \$2.07
Log and Verify Facility (mechanzied orders)	25	0.950	0.700			16.63	\$44.31	\$12.28
Build and validate Design Related Info (DRI) and Work Authorization (mechanized orders)	3	0.950	0.700			2.00	\$44.31	\$1.47
Build and verify Circuit Design (CD) (mechanized orders)	5	0.800	0.700			2.80	\$44.31	\$2.07
Subtotal - DESIGN						28.11		\$20.76
-CENTRAL OFFICE TECHNICIAN								
.70 probability reflects 30% reduction to work time estimates ordered	_							
ANALYZE ORDER COMPLETE CROSS CONNECT	5	1.000	0.700			3.50	\$43.81 \$43.81	\$2.56
PERFORM CONFORMANCE TESTING	10 15	1.000 1.000	0.700 0.700			7.00 10.50	\$43.81 \$43.81	\$5.11 \$7.67
COMPLETE DD WORK STATUS WITH CCT-I	3	1.000	0.700			2.10	\$43.81	\$1.53
POST DVA WORK COMPLETE IN WFA-DI	2	1.000	0.700			1.40	\$43.81	\$1.02
Subtotal - CENTRAL OFFICE TECHNICIAN						24.50		\$17.89
-SERVICE DELIVERY IMPLEMENTOR								
.70 probability reflects 30% reduction to work time estimates ordered								
SCREEN WORK FORCE ADMINISTRATION (WFA) FOR CIRCUIT	5	1.000	0.700			3.50	\$43.81	\$2.56
VERIFY COMPLETION WITH LOCAL NETWORK ORGANIZATION (LNO)	5	1.000	0.700			3.50	\$43.81	\$2.56
MONITOR PERFORMANCE TESTING NOTIFY CO-PROVIDER OF WORK COMPLETION	15 5	1.000 1.000	0.700 0.700			10.50 3.50	\$43.81 \$43.81	\$7.67 \$2.56
COMPLETE CIRCUIT IN WORK FORCE ADMINISTRATION / CONTROL (WFA-C)	10	1.000	0.700			7.00	\$43.81	\$5.11
Subtotal - SERVICE DELIVERY IMPLEMENTOR				<u> </u>		28.00	·	\$20.44
SUDICIAL - SERVICE DELIVERT IMPLEMENTOR						20.00		⊅∠∪.44

Qwest Advice No. 3376T Page 117 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	В	С	D	E	F	G	Н	
						B * (C Thru F)		H * (G/60)

LOCAL TANDEM SWITCHING - DS1 LOCAL MESSAGE TRUNK PORT INSTALL- MECH (con't)

Total For Service: 86.61	\$63.09
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Qwest Advice No. 3376T Page 118 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	
						B * (C Thru F)		H * (G/60)

LOCAL TANDEM SWITCHING - DS1 LOCAL MESSAGE TRUNK PORT INSTALL- MECH (con't)

4682 Direct Cost			\$63.0
4683	Cont	Coot	
4684	Cost Calculation	Cost	Coot
4685		Factor	Cost
4686	ВС	D	Е
4687 Directly Assigned	5		
4688 Product Management Expense	D4688*E4682	0.040393	\$2.5
4689 Sales Expense	D4689*E4682	0.014960	\$0.9
4690 Product Advertising Expense	D4690*E4682	0.000000	\$0.0
4691 Business Fees (Other Operating Taxes)	D4691*Sum(E4682:E4690)	0.042595	\$2.8
4692 Directly Assigned Costs	Sum(E4682:E4691)		\$6.3
4693			
4694 Total Direct Costs	E4682+E4692		\$69.4
4695			
4696 Directly Attributed			
4697 Network Operations	D4697*E4694	0.056129	\$3.9
4698 Network Support Assets	D4698*E4694	0.014074	\$0.9
4699 General Support Assets	D4699*E4694	0.057904	\$4.0
4700 General Purpose Computers	D4700*E4694	0.040926	\$2.8
4701 Uncollectible	D4701*E4694	0.001136	\$0.0
4702 Accounting & Finance Expense	D4702*E4694	0.010471	\$0.7
4703 Human Resources Expense	D4703*E4694	0.009808	\$0.6
4704 Information Management Expense	D4704*E4694	0.068149	\$4.7
4705 Intangibles	D4705*E4694	0.002634	\$0.1
4706 Directly Attributed Costs	Sum(E4697:E4705)		\$18.1
4707			
4708 TELRIC	E4697+E4706		\$87.5
4709 4710 Common			
	D4711*E4708	0.008052	\$0.7
4711 Executive Expense	D4711 E4708 D4712*E4708	0.006052	\$0.7 \$0.0
4712 Planning Expense			
4713 External Relations Expense	D4713*E4708 D4714*E4708	0.009631 0.007338	\$0.8
4714 Legal Expense			\$0.6
4715 Other Procurement Expense	D4715*E4708	0.002772	\$0.2
4716 Research & Development Expense	D4716*E4708	0.000042	\$0.0
4717 Other General and Admin Expense	D4717*E4708	0.019104	\$1.6
4718 Common Costs	Sum(E4711:E4717)		\$4.1
4719	E4700 E4740		004
4720 TELRIC + Common Costs	E4708+E4718		\$91.7

Qwest Advice No. 3376T Page 119 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A Study Year: 2001

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G B * (C Thru F)	Н	I H * (G/60)
						B (O mar)		11 (6/00)
LOCAL TANDEM SWITCHING - DS1 LOCAL MESSAGE TRUNK PORT INSTALL- MANUAL								
LOCAL TANDEM SWITCHING - DST LOCAL MESSAGE TRUNK PORT INSTALL- MANUAL								
<u>*ADD*</u>								
-ISC - INTERCONNECT SERVICE CENTER								
.70 probability reflects 30% reduction to work time estimates ordered								
ANÁLYSIS OF REQUEST TO DETERMINE TYPE OF SERVICE, DESIRED SERVICE LEVEL, D	5	1.000	0.700			3.50	\$40.03	\$2.34
VALIDATE CONNECTING FACILITY ARRANGEMENT (CFA), NETWORK CHANNEL/NETWOR NAME COMMON LANGUAGE FACILITY (CLF) & ESTABLISH FACILITY EQUIPMENT PLANNIN	2 10	1.000 1.000	0.700 0.700			1.40 7.00	\$40.03 \$40.03	\$0.93 \$4.67
DETERMINE CRITICAL DATES	5	1.000	0.700			3.50	\$40.03	\$2.34
CONFIRM FIRM ORDER CONFIRMATION (FOC) LOCAL SERVICE REQUEST (LSR)	5	1.000	0.700			3.50	\$40.03	\$2.34
ISSUE SERVICE ORDER	15	1.000	0.700			10.50	\$40.03	\$7.01
CHECK FOR SERVICE ORDER ACCESS CONTROLLER ERRORS	5	1.000	0.700			3.50	\$40.03	\$2.34
ORDER COMPLETION	5	1.000	0.700			3.50	\$40.03	\$2.34
Subtotal - ISC - INTERCONNECT SERVICE CENTER						36.40		\$24.28
-DESIGN								
(.05, .20, .95, .80) are percent orders worked manual versus mechanized.								
.70 probability reflects 30% reduction to work time estimates ordered								
Log and Verify Facility (manual orders)	45	0.050	0.700			1.58	\$44.31	\$1.16
Build and validate Design Related Info (DRI) and Work Authorization (manual orders)	6	0.050	0.700			0.21	\$44.31	\$0.16
Build and verify Circuit Design (CD) (manual orders) Distribute Documents	15 4	0.200 1.000	0.700 0.700			2.10 2.80	\$44.31 \$44.31	\$1.55 \$2.07
Log and Verify Facility (mechanzied orders)	25	0.950	0.700			16.63	\$44.31	\$2.07 \$12.28
Build and validate Design Related Info (DRI) and Work Authorization (mechanized orders)	3	0.950	0.700			2.00	\$44.31	\$1.47
Build and verify Circuit Design (CD) (mechanized orders)	5	0.800	0.700			2.80	\$44.31	\$2.07
Subtotal - DESIGN						28.11		\$20.76
OFNITRAL OFFICE TECHNICIAN								•
-CENTRAL OFFICE TECHNICIAN .70 probability reflects 30% reduction to work time estimates ordered								
ANALYZE ORDER	5	1.000	0.700			3.50	\$43.81	\$2.56
COMPLETE CROSS CONNECT	10	1.000	0.700			7.00	\$43.81	\$5.11
PERFORM CONFORMANCE TESTING	15	1.000	0.700			10.50	\$43.81	\$7.67
COMPLETE DD WORK STATUS WITH CCT-I	3	1.000	0.700			2.10	\$43.81	\$1.53
POST DVA WORK COMPLETE IN WFA-DI	2	1.000	0.700			1.40	\$43.81	\$1.02
Subtotal - CENTRAL OFFICE TECHNICIAN						24.50		\$17.89
-SERVICE DELIVERY IMPLEMENTOR								
.70 probability reflects 30% reduction to work time estimates ordered								
SCŘEEN WOŘK FORCE ADMINISTRATION (WFA) FOR CIRCUIT	5	1.000	0.700			3.50	\$43.81	\$2.56
VERIFY COMPLETION WITH LOCAL NETWORK ORGANIZATION (LNO)	5	1.000	0.700			3.50	\$43.81	\$2.56

Qwest Advice No. 3376T Page 120 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti
Product Group: Interconnection

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	
						B * (C Thru F)		H * (G/60)
LOCAL TANDEM SWITCHING - DS1 LOCAL MESSAGE TRUNK PORT INSTALL- MANUAL (con't)								
MONITOR PERFORMANCE TESTING	15	1.000	0.700			10.50	\$43.81	\$7.67
NOTIFY CO-PROVIDER OF WORK COMPLETION	5	1.000	0.700			3.50	\$43.81	\$2.56
COMPLETE CIRCUIT IN WORK FORCE ADMINISTRATION / CONTROL (WFA-C)	10	1.000	0.700			7.00	\$43.81	\$5.11
Subtotal - SERVICE DELIVERY IMPLEMENTOR						28.00		\$20.44
Total For Service:						117.01		\$83.37

Qwest Advice No. 3376T Page 121 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G	Н	
						B * (C Thru F)		H * (G/60)

LOCAL TANDEM SWITCHING - DS1 LOCAL MESSAGE TRUNK PORT INSTALL- MANUAL (con't)

4817 Direct Cost			\$83.37
4818	<u> </u>		
4819	Cost	Cost	
4820	Calculation	Factor	Cost
4821	ВС	D	E
4822 Directly Assigned			
4823 Product Management Expense	D4823*E4817	0.040393	\$3.37
4824 Sales Expense	D4824*E4817	0.014960	\$1.25
4825 Product Advertising Expense	D4825*E4817	0.000000	\$0.00
4826 Business Fees (Other Operating Taxes)	D4826*Sum(E4817:E4825)	0.042595	<u>\$3.75</u>
4827 Directly Assigned Costs	Sum(E4817:E4826)		\$8.36
4828			
4829 Total Direct Costs	E4817+E4827		\$91.74
4830			
4831 Directly Attributed			_
4832 Network Operations	D4832*E4829	0.056129	\$5.15
4833 Network Support Assets	D4833*E4829	0.014074	\$1.29
4834 General Support Assets	D4834*E4829	0.057904	\$5.31
4835 General Purpose Computers	D4835*E4829	0.040926	\$3.75
4836 Uncollectible	D4836*E4829	0.001136	\$0.10
4837 Accounting & Finance Expense	D4837*E4829	0.010471	\$0.96
4838 Human Resources Expense	D4838*E4829	0.009808	\$0.90
4839 Information Management Expense	D4839*E4829	0.068149	\$6.25
4840 Intangibles	D4840*E4829	0.002634	\$0.24
4841 Directly Attributed Costs	Sum(E4832:E4840)		\$23.96
4842			0115 50
4843 TELRIC	E4832+E4841		\$115.70
4844			
4845 Common	5 40 40 5 40 40		
4846 Executive Expense	D4846*E4843	0.008052	\$0.93
4847 Planning Expense	D4847*E4843	0.000682	\$0.08
4848 External Relations Expense	D4848*E4843	0.009631	\$1.11
4849 Legal Expense	D4849*E4843	0.007338	\$0.85
4850 Other Procurement Expense	D4850*E4843	0.002772	\$0.32
4851 Research & Development Expense	D4851*E4843	0.000042	\$0.00
4852 Other General and Admin Expense	D4852*E4843	0.019104	\$2.21
4853 Common Costs	Sum(E4846:E4852)		\$5.51
4854			2121.21
4855 TELRIC + Common Costs	E4843+E4853		\$121.21

Qwest Advice No. 3376T Page 122 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A Study Year: 2001

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G B * (C Thru F)	Н	I H * (G/60)
						B " (C Thru F)		H " (G/60)
LOCAL TANDEM SWITCHING - DS1 LOCAL MESSAGE TRUNK PORT DISCONNECT- MECHANIZED								
DISCONNECT								
-ISC - INTERCONNECT SERVICE CENTER								
Time estimate(s) ordered by commission staff.								
NO MECHANIŻÉD ISC TIMÉS PREVIOUSLY FILED IN THIS DOCKET, THEREFORE,								
CURRENT QWEST ISC TIMES APPLIED.								
Process order	6	1.000	0.700			4.20	\$40.03	\$2.80
Subtotal - ISC - INTERCONNECT SERVICE CENTER						4.20		\$2.80
GUBIOUM - 100 - INTERCONNECT GERVICE GENTER						4.20		Ψ2.00
-DESIGN								
.70 probability reflects 30% reduction to work time estimates ordered								
(.05, .95) are pecent orders worked manual versus mechanized.	0	0.050	0.700			0.28	#44.04	CO 04
Log and Verify Facility (manual orders)	8	0.050 0.050	0.700 0.700			0.28 0.18	\$44.31 \$44.31	\$0.21 \$0.13
Build and validate design related info and Work Authorization (manual orders) Build and verify circuit design (manual orders)	3	0.050	0.700			0.16	\$44.31	\$0.13
Distribute Documents	2	1.000	0.700			1.40	\$44.31	\$1.03
Log and Verify Facility (mechanzied orders)	3	0.950	0.700			2.00	\$44.31	\$1.47
Build and validate design related info and Work Authorization (mechanized orders)	2	0.950	0.700			1.33	\$44.31	\$0.98
Build and verify circuit design mechanized orders)	2	0.950	0.700			1.33	\$44.31	\$0.98
Subtotal - DESIGN						6.62		\$4.89
-CENTRAL OFFICE TECHNICIAN								
Time estimate(s) ordered by commission staff.								
ANALYZE ORDÉR	2	1.000				2.00	\$43.81	\$1.46
REMOVE CROSS CONNECT	3	1.000				3.00	\$43.81	\$2.19
Subtotal - CENTRAL OFFICE TECHNICIAN						5.00		\$3.65
-SERVICE DELIVERY IMPLEMENTOR								
.70 probability reflects 30% reduction to work time estimates ordered								
SCREEN WORK FORCE ADMINISTRATION (WFA) FOR CIRCUIT	5	1.000	0.700			3.50	\$43.81	\$2.56
CONTACT CO-PROVIDER	5	1.000	0.700			3.50	\$43.81	\$2.56
COMPELTE ORDER IN WORK FORCE ADMINISTRATION-CIRCUIT (WFA-C)	5	1.000	0.700			3.50	\$43.81	\$2.56
Subtotal - SERVICE DELIVERY IMPLEMENTOR						10.50		\$7.67
								·
Total For Service:						26.32		\$19.00

Qwest Advice No. 3376T Page 123 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	
						B * (C Thru F)		H * (G/60)

LOCAL TANDEM SWITCHING - DS1 LOCAL MESSAGE TRUNK PORT DISCONNECT- MECHANIZED (con't)

4907 Direct Cost			\$19.00
4908			
4909	Cost	Cost	
4910	Calculation	Factor	Cost
4911	ВС	D	E
4912 Directly Assigned			<u>.</u>
4913 Product Management Expense	D4913*E4907	0.040393	\$0.77
4914 Sales Expense	D4914*E4907	0.014960	\$0.28
4915 Product Advertising Expense	D4915*E4907	0.000000	\$0.00
4916 Business Fees (Other Operating Taxes)	D4916*Sum(E4907:E4915)	0.042595	\$0.85
4917 Directly Assigned Costs	Sum(E4907:E4916)		\$1.91
4918			
4919 Total Direct Costs	E4907+E4917		\$20.91
4920			.
4921 Directly Attributed			
4922 Network Operations	D4922*E4919	0.056129	\$1.17
4923 Network Support Assets	D4923*E4919	0.014074	\$0.29
4924 General Support Assets	D4924*E4919	0.057904	\$1.21
4925 General Purpose Computers	D4925*E4919	0.040926	\$0.86
4926 Uncollectible	D4926*E4919	0.001136	\$0.02
4927 Accounting & Finance Expense	D4927*E4919	0.010471	\$0.22
4928 Human Resources Expense	D4928*E4919	0.009808	\$0.21
4929 Information Management Expense	D4929*E4919	0.068149	\$1.43
4930 Intangibles	D4930*E4919	0.002634	\$0.06
4931 Directly Attributed Costs	Sum(E4922:E4930)		\$5.46
4932			
4933 TELRIC	E4922+E4931		\$26.37
4934			<u> </u>
4935 Common			
4936 Executive Expense	D4936*E4933	0.008052	\$0.21
4937 Planning Expense	D4937*E4933	0.000682	\$0.02
4938 External Relations Expense	D4938*E4933	0.009631	\$0.25
4939 Legal Expense	D4939*E4933	0.007338	\$0.19
4940 Other Procurement Expense	D4940*E4933	0.002772	\$0.07
4941 Research & Development Expense	D4941*E4933	0.000042	\$0.00
4942 Other General and Admin Expense	D4942*E4933	0.019104	\$0.50
4943 Common Costs	Sum(E4936:E4942)		\$1.26
4944			
4945 TELRIC + Common Costs	E4933+E4943		\$27.63

Qwest Advice No. 3376T Page 124 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A Study Year: 2001

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G B * (C Thru F)	Н	I H * (G/60)
LOCAL TANDEM SWITCHING - DS1 LOCAL MESSAGE TRUNK PORT DISCONNECT- MANUAL								
DISCONNECT								
ISC - INTERCONNECT SERVICE CENTER								
.70 probability reflects 30% reduction to work time estimates ordered	_	0.700				0.50	# 40.00	40.0
ANALYSIS OF REQUEST FOR ACCURACY	5	0.700				3.50	\$40.03	\$2.3
VERIFY EXISTING ACCOUNT ACTIVITY AND OBTAIN CLOSING BILL INFORMATION CHECK FOR SERVICE ORDER ACCESS CONTROLLER ERRORS	2	0.700 0.700				1.40 3.50	\$40.03 \$40.03	\$0.93 \$2.34
ORDER COMPLETION	5	0.700				3.50	\$40.03	\$2.34 \$2.34
ISSUE SERVICE ORDER	5 5	0.700				3.50	\$40.03	\$2.34 \$2.34
	3	0.700					ψ+0.03	•
Subtotal - ISC - INTERCONNECT SERVICE CENTER						15.40		\$10.2
-DESIGN								
(.05, .95) are pecent orders worked manual versus mechanized.								
.70 probability reflects 30% reduction to work time estimates ordered	8	0.050	0.700			0.00	#44.04	# 0.0
Log and Verify Facility (manual orders) Build and validate design related info and Work Authorization (manual orders)	8	0.050 0.050	0.700 0.700			0.28 0.18	\$44.31 \$44.31	\$0.2° \$0.1°
Build and verify circuit design (manual orders)	ა ვ	0.050	0.700			0.16	\$44.31	\$0.00 \$0.00
Distribute Documents	2	1.000	0.700			1.40	\$44.31	\$1.03
Log and Verify Facility (mechanzied orders)	3	0.950	0.700			2.00	\$44.31	\$1.47
Build and validate design related info and Work Authorization (mechanized orders)	2	0.950	0.700			1.33	\$44.31	\$0.98
Build and verify circuit design mechanized orders)	2	0.950	0.700			1.33	\$44.31	\$0.98
Subtotal - DESIGN						6.62		\$4.89
-CENTRAL OFFICE TECHNICIAN								
Time estimate(s) ordered by commission staff.								
ANALYZE ORDER	2	1.000				2.00	\$43.81	\$1.46
REMOVE CROSS CONNECT	3	1.000				3.00	\$43.81	\$2.19
Subtotal - CENTRAL OFFICE TECHNICIAN						5.00		\$3.65
SERVICE DELIVERY IMPLEMENTOR								
.70 probability reflects 30% reduction to work time estimates ordered								
SCREEN WORK FORCE ADMINISTRATION (WFA) FOR CIRCUIT	5	0.700				3.50	\$43.81	\$2.56
CONTACT CO-PROVIDER	5	0.700				3.50	\$43.81	\$2.56
COMPELTE ORDER IN WORK FORCE ADMINISTRATION-CIRCUIT (WFA-C)	5	0.700				3.50	\$43.81	\$2.56
Subtotal - SERVICE DELIVERY IMPLEMENTOR						10.50		\$7.67
Total For Service:						37.52		\$26.48
70007707						01.0E		Ψ20.70

Qwest Advice No. 3376T Page 125 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	
						B * (C Thru F)		H * (G/60)

LOCAL TANDEM SWITCHING - DS1 LOCAL MESSAGE TRUNK PORT DISCONNECT- MANUAL (con't)

4997 Direct Cost			\$26.48
4998	<u>.</u>		
4999	Cost	Cost	
5000	Calculation	Factor	Cost
5001	ВС	D	E
5002 Directly Assigned			
5003 Product Management Expense	D5003*E4997	0.040393	\$1.07
5004 Sales Expense	D5004*E4997	0.014960	\$0.40
5005 Product Advertising Expense	D5005*E4997	0.000000	\$0.00
5006 Business Fees (Other Operating Taxes)	D5006*Sum(E4997:E5005)	0.042595	<u>\$1.19</u>
5007 Directly Assigned Costs	Sum(E4997:E5006)		\$2.66
5008			000.40
5009 Total Direct Costs	E4997+E5007		\$29.13
5010 5011 Directly Attributed			
5012 Network Operations	D5012*E5009	0.056129	\$1.64
5013 Network Support Assets	D5012 E5009	0.014074	\$0.41
5014 General Support Assets	D5014*E5009	0.057904	\$1.69
5015 General Purpose Computers	D5015*E5009	0.040926	\$1.19
5016 Uncollectible	D5016*E5009	0.001136	\$0.03
5017 Accounting & Finance Expense	D5017*E5009	0.010471	\$0.31
5018 Human Resources Expense	D5018*E5009	0.009808	\$0.29
5019 Information Management Expense	D5019*E5009	0.068149	\$1.99
5020 Intangibles	D5020*E5009	0.002634	\$0.08
5021 Directly Attributed Costs	Sum(E5012:E5020)		\$7.61
5022	,		'
5023 TELRIC	E5012+E5021		\$36.74
5024			
5025 Common 5026 Executive Expense	D5026*E5023	0.008052	\$0.30
5020 Executive Expense 5027 Planning Expense	D5026 E5023 D5027*E5023	0.000682	\$0.03
5028 External Relations Expense	D5027 E5023 D5028*E5023	0.000682	\$0.03
5029 Legal Expense	D5028 E5023 D5029*E5023	0.007338	\$0.33
5030 Other Procurement Expense	D5023 E5023 D5030*E5023	0.007338	\$0.27
5031 Research & Development Expense	D5030 E5023	0.002772	\$0.10
5032 Other General and Admin Expense	D5031 E5023	0.019104	\$0.70
5033 Common Costs	Sum(E5026:E5032)	3.310104	\$1.75
5034	()		ψτο
5035 TELRIC + Common Costs	E5023+E5033		\$38.49

Qwest Advice No. 3376T Page 126 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A Study Year: 2001

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G B * (C Thru F)	Н	। H * (G/60)
						2 (0)		(5,55)
LOCAL TANDEM SWITCHING - TRUNK GROUP, FIRST INSTALL- MECHANIZED								
ADD								
ADD								
-ISC - INTERCONNECT SERVICE CENTER								
Time estimate(s) ordered by commission staff. NO MECHANIZED ISC TIMES PREVIOUSLY FILED IN THIS DOCKET, THEREFORE,								
CURRENT QWEST ISC TIMES APPLIED.								
Process order	6	1.000				6.00	\$40.03	\$4.00
Subtotal - ISC - INTERCONNECT SERVICE CENTER						6.00		\$4.00
GUNIOLAI - 100 - INTERCOGNIE OT GERVIGE GENTER						0.00		ψ4.00
-DESIGN								
(.05, .20, .95, .80) are percent orders worked manual versus mechanized70 probability reflects 30% reduction to work time estimates ordered								
.042 represents 1/24 of a trunk group. Assumes 24 trunks per order.								
Order handling and screening	10	1.000	0.042	0.700		0.29	\$44.31	\$0.22
Build and validate Design Related Info (DRI) and Work Authorization (manual orders) Buid and validate Design Related Info (DRI) and Work Authorization (mechanized orders)	10 4	0.050 0.950	0.042 0.042	0.700 0.700		0.01 0.11	\$44.31 \$44.31	\$0.01 \$0.08
Build and verify Circuit Design (CD) (manual orders)	15	0.050	0.042	0.700		0.02	\$44.31	\$0.02
Build and verify Circuit Design (CD) (mechanized orders)	3	0.950	0.042	0.700		0.08	\$44.31	\$0.06
Distribute Documents Perform TAS (Trunk Assignment System) Functions	2 15	1.000 0.750	0.042 0.042	0.700 0.700		0.06 0.33	\$44.31 \$44.31	\$0.04 \$0.24
PCList Trunks	2	1.000	0.042	0.700		0.06	\$44.31	\$0.04
To travel project						0.07		#0.70
Subtotal - DESIGN						0.97		\$0.72
-NROC - COMPLEX TRANSLATIONS - TRUNK GROUP								
.50 probability is % orders establishing a new trunk group.2 probability is number of route indexes per trunk group.								
.70 probability reflects 30% reduction to work time estimates ordered								
ASŠIGN TRUŇK GRP NUMBER	10	0.500	0.700			3.50	\$41.45	\$2.42
ANALYZE ACCESS SERVICE REQUEST (ASR)/TRANSLATIONS QUESTIONNAIRE BUILD NEW TRUNK GROUP	10 20	0.500 0.500	0.700 0.700			3.50 7.00	\$41.45 \$41.45	\$2.42 \$4.84
ASSIGN ROUTE INDEX	10	0.500	2.000	0.700		7.00	\$41.45	\$4.84
Subtotal - NROC - COMPLEX TRANSLATIONS - TRUNK GROUP						21.00		\$14.51
-NROC - COMPLEX TRANSLATIONS - TRUNK GROUP								
.50 probability is % orders establishing a new trunk group.								
.70 probability reflects 30% reduction to work time estimates ordered PERFORM TEST CALL	5	0.500	0.700			1.75	\$41.45	\$1.21
COMPLETE WORK ITEM IN WORK FORCE ADMINISTRATION - DISPATCH MODULE (WFA-I		0.500	0.700			1.75	\$41.45	\$1.21
,								•

Qwest Advice No. 3376T Page 127 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	<u>I</u>
						B * (C Thru F)		H * (G/60)
LOCAL TANDEM SWITCHING - TRUNK GROUP, FIRST INSTALL- MECHANIZED (con't)								
Subtotal - NROC - COMPLEX TRANSLATIONS - TRUNK GROUP						3.50		\$2.42
-SERVICE DELIVERY IMPLEMENTOR								
.70 probability reflects 30% reduction to work time estimates ordered								
SCREEN WORK FORCE ADMINISTRATION (WFA) FOR CIRCUIT	10	1.000	0.700			7.00	\$43.81	\$5.11
COMPLETE PERFORMANCE TESTING	45	1.000	0.700			31.50	\$43.81	\$23.00
NOTIFY CO-PROVIDER OF WORK COMPLETION	5	1.000	0.700			3.50	\$43.81	\$2.56
POST ORDER COMPLETE IN WORK FORCE ADMINISTRATION - CONTROL MODULE (WFA	10	1.000	0.700			7.00	\$43.81	\$5.11
Subtotal - SERVICE DELIVERY IMPLEMENTOR						49.00		\$35.78
Total For Service:						80.47		\$57.43

Qwest Advice No. 3376T Page 128 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	
						B * (C Thru F)		H * (G/60)

LOCAL TANDEM SWITCHING - TRUNK GROUP, FIRST INSTALL- MECHANIZED (con't)

5132 Direct Cost			\$57.43
5133			
5134	Cost	Cost	
5135	Calculation	Factor	Cost
5136	ВС	D	E
5137 Directly Assigned			
5138 Product Management Expense	D5138*E5132	0.040393	\$2.32
5139 Sales Expense	D5139*E5132	0.014960	\$0.86
5140 Product Advertising Expense	D5140*E5132	0.000000	\$0.00
5141 Business Fees (Other Operating Taxes)	D5141*Sum(E5132:E5140)	0.042595	\$2.58
5142 Directly Assigned Costs	Sum(E5132:E5141)		\$5.76
5143			
5144 Total Direct Costs	E5132+E5142		\$63.19
5145			
5146 Directly Attributed			
5147 Network Operations	D5147*E5144	0.056129	\$3.55
5148 Network Support Assets	D5148*E5144	0.014074	\$0.89
5149 General Support Assets	D5149*E5144	0.057904	\$3.66
5150 General Purpose Computers	D5150*E5144	0.040926	\$2.59
5151 Uncollectible	D5151*E5144	0.001136	\$0.07
5152 Accounting & Finance Expense	D5152*E5144	0.010471	\$0.66
5153 Human Resources Expense	D5153*E5144	0.009808	\$0.62
5154 Information Management Expense	D5154*E5144	0.068149	\$4.31
5155 Intangibles	D5155*E5144	0.002634	\$0.17
5156 Directly Attributed Costs	Sum(E5147:E5155)		\$16.51
5157			
5158 TELRIC	E5147+E5156		\$79.69
5159			
5160 Common	DE4C4*EE4E0	0.000050	CO C4
5161 Executive Expense	D5161*E5158 D5162*E5158	0.008052	\$0.64
5162 Planning Expense		0.000682	\$0.05
5163 External Relations Expense	D5163*E5158	0.009631	\$0.77
5164 Legal Expense	D5164*E5158	0.007338	\$0.58
5165 Other Procurement Expense	D5165*E5158	0.002772	\$0.22
5166 Research & Development Expense	D5166*E5158	0.000042	\$0.00
5167 Other General and Admin Expense	D5167*E5158	0.019104	\$1.52
5168 Common Costs	Sum(E5161:E5167)		\$3.80
5169	FF4F0 - FF4C0		600.40
5170 TELRIC + Common Costs	E5158+E5168		\$83.49

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Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti Product Group: Interconnection

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	В	С	D	Е	F	G B * (C Thru F)	Н	I H * (G/60)
LOCAL TANDEM SWITCHING - TRUNK GROUP, FIRST INSTALL- MANUAL								
* <u>ADD*</u>								
-ISC - INTERCONNECT SERVICE CENTER								
-TO probability reflects 30% reduction to work time estimates ordered ANALYSIS OF REQUEST TO DETERMINE TYPE OF SERVICE, DESIRED SERVICE LEVEL, D VALIDATE CONNECTING FACILITY ARRANGEMENT (CFA), NETWORK CHANNEL/NETWOR VALIDATE SWITCH LOCATION & DETERMINE SWITCH PORT AVAILABILITY OBTAIN TRUNK GROUP NUMBERS (TGN) AND ROUTE INDEX NUMBER (RTI) FROM COMP OBTAIN TELEPHONE NUMBERS DID NUMBER BLOCKS DETERMINE CRITICAL DATES CONFIRM FIRM ORDER CONFIRMATION (FOC) LOCAL SERVICE REQUEST (LSR) CHECK FOR SERVICE ORDER ACCESS CONTROLLER (SOAC) ERRORS ORDER COMPLETION	5 2 10 20 10 5 5 5	1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	0.700 0.700 0.700 0.700 0.700 0.700 0.700 0.700 0.700			3.50 1.40 7.00 14.00 7.00 3.50 3.50 3.50	\$40.03 \$40.03 \$40.03 \$40.03 \$40.03 \$40.03 \$40.03 \$40.03	\$2.34 \$0.93 \$4.67 \$9.34 \$2.34 \$2.34 \$2.34 \$2.34
ISSUE SERVICE ORDER	15	1.000	0.700			10.50	\$40.03	\$7.0
Subtotal - ISC - INTERCONNECT SERVICE CENTER						57.40		\$38.30
Prob 1 (.05, .20, .95, .80) are percent orders worked manual versus mechanized042 represents 1/24 of a trunk group. Assumes 24 trunks per order70 probability reflects 30% reduction to work time estimates ordered Order handling and screening Build and validate Design Related Info (DRI) and Work Authorization (manual orders) Build and validate Design Related Info (DRI) and Work Authorization (mechanized orders) Build and verify Circuit Design (CD) (manual orders) Build and verify Circuit Design (CD) (mechanized orders) Distribute Documents Perform TAS (Trunk Assignment System) Functions PCList Trunks	10 10 4 15 3 2 15 2	1.000 0.050 0.950 0.050 0.950 1.000 0.750 1.000	0.042 0.042 0.042 0.042 0.042 0.042 0.042 0.042	0.700 0.700 0.700 0.700 0.700 0.700 0.700 0.700		0.29 0.01 0.11 0.02 0.08 0.06 0.33 0.06	\$44.31 \$44.31 \$44.31 \$44.31 \$44.31 \$44.31 \$44.31	\$0.2: \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.2
Subtotal - DESIGN						0.97		\$0.72
-NROC - COMPLEX TRANSLATIONS - TRUNK GROUP .50 probability is % orders establishing a new trunk group. 2 probability is number of route indexes per trunk group70 probability reflects 30% reduction to work time estimates ordered ASSIGN TRUNK GRP NUMBER ANALYZE ACCESS SERVICE REQUEST (ASR)/TRANSLATIONS QUESTIONNAIRE BUILD NEW TRUNK GROUP ASSIGN ROUTE INDEX	10 10 20 10	0.500 0.500 0.500 0.500	0.700 0.700 0.700 2.000	0.700		3.50 3.50 7.00 7.00	\$41.45 \$41.45 \$41.45 \$41.45	\$2.4 \$2.4 \$4.8 \$4.8
Subtotal - NROC - COMPLEX TRANSLATIONS - TRUNK GROUP						21.00		\$14.5

Qwest Advice No. 3376T Page 130 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A Study Year: 2001

Analyst: Deffley/Eoriatti
Product Group: Interconnection

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G	Н	
						B * (C Thru F)		H * (G/60)
LOCAL TANDEM SWITCHING - TRUNK GROUP, FIRST INSTALL- MANUAL (con't)								
-NROC - COMPLEX TRANSLATIONS - TRUNK GROUP								
.50 probability is % orders establishing a new trunk group.								
.70 probability reflects 30% reduction to work time estimates ordered	-	0.500	0.700			4.75	0.44 45	# 4.04
PERFORM TEST CALL	5 5	0.500 0.500	0.700 0.700			1.75 1.75	\$41.45 \$41.45	\$1.2° \$1.2°
COMPLETE WORK ITEM IN WORK FORCE ADMINISTRATION - DISPATCH MODULE (WFA-I	5	0.500	0.700			1.75	Ф41.45	\$1.2
Subtotal - NROC - COMPLEX TRANSLATIONS - TRUNK GROUP						3.50		\$2.42
-SERVICE DELIVERY IMPLEMENTOR								
.70 probability reflects 30% reduction to work time estimates ordered								
SCREEN WORK FORCE ADMINISTRATION (WFA) FOR CIRCUIT	10	1.000	0.700			7.00	\$43.81	\$5.11
COMPLETE PERFORMANCE TESTING	45	1.000	0.700			31.50	\$43.81	\$23.00
NOTIFY CO-PROVIDER OF WORK COMPLETION	5	1.000	0.700			3.50	\$43.81	\$2.56
POST ORDER COMPLETE IN WORK FORCE ADMINISTRATION - CONTROL MODULE (WFA	10	1.000	0.700			7.00	\$43.81	\$5.11
Subtotal - SERVICE DELIVERY IMPLEMENTOR						49.00		\$35.78
Total For Service:						131.87		\$91.72

Qwest Advice No. 3376T Page 131 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	[
						B * (C Thru F)		H * (G/60)

LOCAL TANDEM SWITCHING - TRUNK GROUP, FIRST INSTALL- MANUAL (con't)

5267 Direct Cost			\$91.
5268			
5269	Cost	Cost	
5270	Calculation	Factor	Cost
5271	ВС	D	E
5272 Directly Assigned			
5273 Product Management Expense	D5273*E5267	0.040393	\$3.
5274 Sales Expense	D5274*E5267	0.014960	\$1.
5275 Product Advertising Expense	D5275*E5267	0.000000	\$0.
5276 Business Fees (Other Operating Taxes)	D5276*Sum(E5267:E5275)	0.042595	<u>\$4.</u>
5277 Directly Assigned Costs	Sum(E5267:E5276)		\$9
5278			
5279 Total Direct Costs	E5267+E5277		\$100
5280			
5281 Directly Attributed			
5282 Network Operations	D5282*E5279	0.056129	\$5
5283 Network Support Assets	D5283*E5279	0.014074	\$1
5284 General Support Assets	D5284*E5279	0.057904	\$5
5285 General Purpose Computers	D5285*E5279	0.040926	\$4
5286 Uncollectible	D5286*E5279	0.001136	\$0
5287 Accounting & Finance Expense	D5287*E5279	0.010471	\$1
5288 Human Resources Expense	D5288*E5279	0.009808	\$0
5289 Information Management Expense	D5289*E5279	0.068149	\$6
5290 Intangibles	D5290*E5279	0.002634	\$0
5291 Directly Attributed Costs	Sum(E5282:E5290)		\$26
5292			
5293 TELRIC	E5282+E5291		\$127
5294			
5295 Common			•
5296 Executive Expense	D5296*E5293	0.008052	\$1
5297 Planning Expense	D5297*E5293	0.000682	\$0
5298 External Relations Expense	D5298*E5293	0.009631	\$1
5299 Legal Expense	D5299*E5293	0.007338	\$0
5300 Other Procurement Expense	D5300*E5293	0.002772	\$0
5301 Research & Development Expense	D5301*E5293	0.000042	\$0
5302 Other General and Admin Expense	D5302*E5293	0.019104	\$2
5303 Common Costs	Sum(E5296:E5302)		\$6
5304			
5305 TELRIC + Common Costs	E5293+E5303		\$133

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Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
Wor nem	B	#1 C	#2 D	#3	# 4	(willutes)	H	Cost
	Ь	O	D	_		B * (C Thru F)	""	H * (G/60)
						2 (0)		(3/33)
LOCAL TANDEM SWITCHING - TRUNK GROUP, FIRST DISCONNECT- MECHANIZED								
DISCONNECT								
-ISC - INTERCONNECT SERVICE CENTER								
Time estimate(s) ordered by commission staff.								
NO MECHANIŻÉD ISC TIMÉS PREVIOUSLY FILED IN THIS DOCKET, THEREFORE,								
CURRENT QWEST ISC TIMES APPLIED.								
Process order	6	1.000				6.00	\$40.03	\$4.00
Subtotal - ISC - INTERCONNECT SERVICE CENTER						6.00		\$4.00
GUSCULAT-100-INTERCONNECT GERVICE GENTER						0.00		ψ4.00
-DESIGN								
(.05, .95) are percent orders worked manual versus mechanized.								
.042 represents 1/24 of a trunk group. Assumes 24 trunks per order.								
.70 probability reflects 30% reduction to work time estimates ordered	40	4 000	0.040	0.700		0.00	04404	#0.00
Order handling and screening PCList Trunks	10	1.000 1.000	0.042 0.042	0.700 0.700		0.29 0.06	\$44.31 \$44.31	\$0.22 \$0.04
Build and Validate Work Authorization (manual orders)	2	0.050	0.042	0.700		0.06	\$44.31	\$0.0 4 \$0.01
Build and Validate Work Authorization (manual orders)	5 2	0.050	0.042	0.700		0.06	\$44.31	\$0.01 \$0.04
Build and validate work Addiolization (medianized orders) Build and verify Circuit Design (CD) (manual orders)	10	0.050	0.042	0.700		0.00	\$44.31	\$0.04 \$0.01
Build and verify Circuit Design (CD) (mechanized orders)	2	0.950	0.042	0.700		0.06	\$44.31	\$0.04
Distribute Documents	2	1.000	0.042	0.700		0.06	\$44.31	\$0.04
5.00 Ballo 5.00 million	_		0.0.2	01.00		0.00	Ψσ.	Ψ0.0 .
Subtotal - DESIGN						0.55		\$0.40
-SERVICE DELIVERY IMPLEMENTOR								
.70 probability reflects 30% reduction to work time estimates ordered								
SCREEN WORK FORCE ADMINISTRATION-CONTROL MODULE (WFA-C) FOR ORDER ACC	5	1.000	0.700			3.50	\$43.81	\$2.56
CONTACT CO-PROVIDER	5	1.000	0.700			3.50	\$43.81	\$2.56
COMPLETE ORDER IN WORK FORCE ADMINISTRATION-CONTROL MODULE (WFA-C)	5	1.000	0.700			3.50	\$43.81	\$2.56
Subtotal - SERVICE DELIVERY IMPLEMENTOR						10.50		\$7.67
						,		440.5=
Total For Service:						17.05		\$12.07

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Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	[
						B * (C Thru F)		H * (G/60)

LOCAL TANDEM SWITCHING - TRUNK GROUP, FIRST DISCONNECT- MECHANIZED (con't)

5357 Direct Cost			\$12.07
5358	<u> </u>		
5359	Cost	Cost	
5360	Calculation	Factor	Cost
5361	ВС	D	E
5362 Directly Assigned			
5363 Product Management Expense	D5363*E5357	0.040393	\$0.49
5364 Sales Expense	D5364*E5357	0.014960	\$0.18
5365 Product Advertising Expense	D5365*E5357	0.000000	\$0.00
5366 Business Fees (Other Operating Taxes)	D5366*Sum(E5357:E5365)	0.042595	\$0.54
5367 Directly Assigned Costs	Sum(E5357:E5366)		\$1.21
5368			
5369 Total Direct Costs	E5357+E5367		\$13.28
5370			
5371 <i>Directly Attributed</i> 5372 Network Operations	D5372*E5369	0.056129	\$0.75
5373 Network Support Assets	D5372 E5369	0.030129	\$0.73
5374 General Support Assets	D5374*E5369	0.057904	\$0.13
5375 General Purpose Computers	D5374 E5369 D5375*E5369	0.037904	\$0.77 \$0.54
5376 Uncollectible	D5376*E5369	0.040920	\$0.02
5377 Accounting & Finance Expense	D5377 E5369	0.011471	\$0.02
5377 Accounting & Finance Expense 5378 Human Resources Expense	D5377 E5369 D5378*E5369	0.009808	\$0.14
5379 Information Management Expense	D5379*E5369	0.068149	\$0.13
5380 Intangibles	D5380*E5369	0.002634	\$0.91
5381 Directly Attributed Costs		0.002034	\$3.47
5382	Sum(E5372:E5380)		\$3.47
5383 TELRIC	E5372+E5381		\$16.75
5384			
5385 Common			
5386 Executive Expense	D5386*E5383	0.008052	\$0.13
5387 Planning Expense	D5387*E5383	0.000682	\$0.01
5388 External Relations Expense	D5388*E5383	0.009631	\$0.16
5389 Legal Expense	D5389*E5383	0.007338	\$0.12
5390 Other Procurement Expense	D5390*E5383	0.002772	\$0.05
5391 Research & Development Expense	D5391*E5383	0.000042	\$0.00
5392 Other General and Admin Expense	D5392*E5383	0.019104	\$0.32
5393 Common Costs	Sum(E5386:E5392)		\$0.80
5394		<u> </u>	
5395 TELRIC + Common Costs	E5383+E5393		\$17.55

Qwest Advice No. 3376T Page 134 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A Study Year: 2001

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G B * (C Thru F)	Н	l H * (G/60)
						в (C IIIIu F)		п (G/60)
LOCAL TANDEM SWITCHING - TRUNK GROUP, FIRST DISCONNECT- MANUAL								
DISCONNECT								
-ISC - INTERCONNECT SERVICE CENTER								
.70 probability reflects 30% reduction to work time estimates ordered ANALYSIS OF REQUEST TO DETERMINE TYPE OF SERVICE, DESIRED SERVICE LEVEL, D.	5	1.000	0.700			3.50	\$40.03	\$2.34
VERIFY EXISTING ACCOUNT ACTIVITY AND OBTAIN CLOSING BILL INFORMATION	2	1.000	0.700			1.40	\$40.03	\$0.93
CHECK FOR SERVICE ORDER ACCESS CONTROLLER (SOAC) ERRORS	5	1.000	0.700			3.50	\$40.03	\$2.34
ORDER COMPLETION	5	1.000	0.700			3.50	\$40.03	\$2.34
ISSUE SERVICE ORDER	5	1.000	0.700			3.50	\$40.03	\$2.34
Subtotal - ISC - INTERCONNECT SERVICE CENTER						15.40		\$10.27
-DESIGN								
Prob 1 (.05, .95) are percent orders worked manual versus mechanized.								
.042 represents 1/24 of a trunk group. Assumes 24 trunks per order.								
.70 probability reflects 30% reduction to work time estimates ordered								
Order handling and screening	10	1.000	0.042	0.700		0.29	\$44.31	\$0.22
PCList Trunks	2	1.000	0.042	0.700		0.06	\$44.31	\$0.04
Build and Validate Work Authorization (manual orders)	5	0.050	0.042	0.700		0.01	\$44.31	\$0.01
Build and Validate Work Authorization (mechanized orders) Build and verify Circuit Design (CD) (manual orders)	2 10	0.950 0.050	0.042 0.042	0.700 0.700		0.06 0.01	\$44.31 \$44.31	\$0.04 \$0.01
Build and verify Circuit Design (CD) (manual orders) Build and verify Circuit Design (CD) (mechanized orders)	2	0.950	0.042	0.700		0.06	\$44.31	\$0.01 \$0.04
Distribute Documents	2	1.000	0.042	0.700		0.06	\$44.31	\$0.04
Subtotal - DESIGN						0.55		\$0.40
-SERVICE DELIVERY IMPLEMENTOR								
.70 probability reflects 30% reduction to work time estimates ordered								
SCREEN WORK FORCE ADMINISTRATION-CONTROL MODULE (WFA-C) FOR ORDER ACC	5	1.000	0.700			3.50	\$43.81	\$2.56
CONTACT CO-PROVIDER	5	1.000	0.700			3.50	\$43.81	\$2.56
COMPLETE ORDER IN WORK FORCE ADMINISTRATION-CONTROL MODULE (WFA-C)	5	1.000	0.700			3.50	\$43.81	\$2.56
Subtotal - SERVICE DELIVERY IMPLEMENTOR						10.50		\$7.67
Total For Service:						26.45		\$18.34
Total For Service:						26.45		\$18

Qwest Advice No. 3376T Page 135 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	[
						B * (C Thru F)		H * (G/60)

LOCAL TANDEM SWITCHING - TRUNK GROUP, FIRST DISCONNECT- MANUAL (con't)

5447 Direct Cost 5448			\$18.
5449	Cost	Cost	
	Calculation	Factor	Coct
5450			Cost
5451 5452 S ingal A singal	В С	D	E
5452 Directly Assigned			
5453 Product Management Expense	D5453*E5447	0.040393	\$0.
5454 Sales Expense	D5454*E5447	0.014960	\$0.
5455 Product Advertising Expense	D5455*E5447	0.000000	\$0.
5456 Business Fees (Other Operating Taxes)	D5456*Sum(E5447:E5455)	0.042595	<u>\$0</u>
5457 Directly Assigned Costs	Sum(E5447:E5456)		\$1
5458			
5459 Total Direct Costs	E5447+E5457		\$20
5460			
5461 Directly Attributed			
5462 Network Operations	D5462*E5459	0.056129	\$1
5463 Network Support Assets	D5463*E5459	0.014074	\$0
5464 General Support Assets	D5464*E5459	0.057904	\$1
5465 General Purpose Computers	D5465*E5459	0.040926	\$0
5466 Uncollectible	D5466*E5459	0.001136	\$0
5467 Accounting & Finance Expense	D5467*E5459	0.010471	\$0
5468 Human Resources Expense	D5468*E5459	0.009808	\$0
5469 Information Management Expense	D5469*E5459	0.068149	\$1
5470 Intangibles	D5470*E5459	0.002634	\$0
5471 Directly Attributed Costs	Sum(E5462:E5470)		\$5
5472			
5473 TELRIC	E5462+E5471		\$25
5474			
5475 Common	D. (•
5476 Executive Expense	D5476*E5473	0.008052	\$0
5477 Planning Expense	D5477*E5473	0.000682	\$0
5478 External Relations Expense	D5478*E5473	0.009631	\$0
5479 Legal Expense	D5479*E5473	0.007338	\$0
5480 Other Procurement Expense	D5480*E5473	0.002772	\$0
5481 Research & Development Expense	D5481*E5473	0.000042	\$0
5482 Other General and Admin Expense	D5482*E5473	0.019104	\$0
5483 Common Costs	Sum(E5476:E5482)		\$1
5484			
5485 TELRIC + Common Costs	E5473+E5483		\$26

Qwest Advice No. 3376T Page 136 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A Study Year: 2001

Analyst: Deffley/Eoriatti

Product Group: Interconnection

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	В	С	D	E	F	G B * (C Thru F)	Н	I H * (G/60)
CAL TANDEM SWITCHING - MESSAGE TRUNK GROUP - EACH ADDITIONAL TRUNK INSTALL								
<u>D</u> *								
RVICE DELIVERY IMPLEMENTOR								
.70 probability reflects 30% reduction to work time estimates ordered								
SCREEN WORK FORCE ADMINISTRATION (WFA) FOR CIRCUIT	5	1.000	0.700			3.50	\$43.81	\$2.5
COMPLETE PERFORMANCE TESTING	6	1.000	0.700			4.20	\$43.81	\$3.0
POST ORDER COMPLETE IN WORK FORCE ADMINISTRATION - CONTROL MODULE (WFA	1	1.000	0.700			0.70	\$43.81	\$0.5
total - SERVICE DELIVERY IMPLEMENTOR						8.40		\$6.
SIGN (.05, .20, .95, .80) are percent orders worked manual versus mechanized042 represents 1/24 of a trunk group. Assumes 24 trunks per order.								
.70 probability reflects 30% reduction to work time estimates ordered Order handling and screening	10	1.000	0.042	0.700		0.29	\$44.31	\$0.2
Build and validate Design Related Info (DRI) and Work Authorization (manual orders)	10	0.050	0.042	0.700		0.29	\$44.31	\$0.2 \$0.0
Buid and validate Design Related Info (DRI) and Work Authorization (mechanized orders)	10	0.050	0.042	0.700		0.01	\$44.31	\$0.0
Build and verify Circuit Design (CD) (manual orders)	15	0.050	0.042	0.700		0.02	\$44.31	\$0.0 \$0.0
			0.042	0.700		0.08	\$44.31	\$0.0
	3	0.950						
Build and verify Circuit Design (CD) (manual orders) Build and verify Circuit Design (CD) (mechanized orders) Distribute Documents	3 2	0.950 1.000	0.042				\$44.31	*
Build and verify Circuit Design (CD) (mechanized orders) Distribute Documents	3 2 15	0.950 1.000 0.750		0.700 0.700		0.06 0.33	\$44.31 \$44.31	\$0.0
Build and verify Circuit Design (CD) (mechanized orders)	3 2 15 2	1.000	0.042	0.700		0.06		\$0.0 \$0.2
Build and verify Circuit Design (CD) (mechanized orders) Distribute Documents Perform TAS (Trunk Assignment System) Functions		1.000 0.750	0.042 0.042	0.700 0.700		0.06 0.33	\$44.31	\$0.0 \$0.2 \$0.0

Qwest Advice No. 3376T Page 137 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G	Н	
						B * (C Thru F)		H * (G/60)

LOCAL TANDEM SWITCHING - MESSAGE TRUNK GROUP - EACH ADDITIONAL TRUNK INSTALL (con't)

5537 Direct Cost			\$6.85
5538	<u> </u>		
5539	Cost	Cost	
5540	Calculation	Factor	Cost
5541	В С	D	Е
5542 Directly Assigned			
5543 Product Management Expense	D5543*E5537	0.040393	\$0.28
5544 Sales Expense	D5544*E5537	0.014960	\$0.10
5545 Product Advertising Expense	D5545*E5537	0.000000	\$0.00
5546 Business Fees (Other Operating Taxes)	D5546*Sum(E5537:E5545)	0.042595	\$0.31
5547 Directly Assigned Costs	Sum(E5537:E5546)		\$0.69
5549 Total Direct Costs	E5537+E5547		\$7.54
5549 Total Direct Costs 5550	E3337+E3347		\$7.54
5551 Directly Attributed			
5552 Network Operations	D5552*E5549	0.056129	\$0.42
5553 Network Support Assets	D5553*E5549	0.014074	\$0.11
5554 General Support Assets	D5554*E5549	0.057904	\$0.44
5555 General Purpose Computers	D5555*E5549	0.040926	\$0.31
5556 Uncollectible	D5556*E5549	0.001136	\$0.01
5557 Accounting & Finance Expense	D5557*E5549	0.010471	\$0.08
5558 Human Resources Expense	D5558*E5549	0.009808	\$0.07
5559 Information Management Expense	D5559*E5549	0.068149	\$0.51
5560 Intangibles	D5560*E5549	0.002634	\$0.02
5561 Directly Attributed Costs	Sum(E5552:E5560)		\$1.97
5562	· ,		
5563 TELRIC	E5552+E5561		\$9.51
5564 5565 Common			
5566 Executive Expense	D5566*E5563	0.008052	\$0.08
5567 Planning Expense	D5567*E5563	0.006032	\$0.00
5568 External Relations Expense	D5568*E5563	0.000682	\$0.01
5569 Legal Expense	D5569*E5563	0.009031	\$0.09
5570 Other Procurement Expense	D5570*E5563	0.007336	\$0.07
5570 Other Procurement Expense 5571 Research & Development Expense	D5571*E5563	0.002772	\$0.03
5571 Research & Development Expense 5572 Other General and Admin Expense	D5571*E5563	0.000042	\$0.00 \$0.18
5572 Other General and Admin Expense 5573 Common Costs	Sum(E5566:E5572)	0.019104	\$0.16
5574	Sum(E3300.E3372)		φ0.43
5575 TELRIC + Common Costs	E5563+E5573		\$9.96
			71.00

Qwest Advice No. 3376T Page 138 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A Study Year: 2001

Analyst: Deffley/Eoriatti
Product Group: Interconnection

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G D # (O T) = E)	Н	
						B * (C Thru F)		H * (G/60
AL TANDEM SWITCHING - MESSAGE TRUNK GROUP - EACH ADDITIONAL TRUNK DISCONNE	СT							
CONNECT*								
EVICE DELIVERY IMPLEMENTOR								
.70 probability reflects 30% reduction to work time estimates ordered	_	4.000	0.700			2.50	#40.04	\$
SCREEN WORK FORCE ADMINISTRATION-CONTROL MODULE (WFA-C) FOR ORDER ACC COMPLETE ORDER IN WORK FORCE ADMINISTRATION-CONTROL MODULE (WFA-C)	5 5	1.000 1.000	0.700 0.700			3.50 3.50	\$43.81 \$43.81	3
COMPLETE ONDER IN WORK FORCE ADMINISTRATION-CONTROL MODULE (WI A-C)	3	1.000	0.700			3.30	ψ 4 3.01	4
otal - SERVICE DELIVERY IMPLEMENTOR						7.00		,
SIGN								
(.05, .95) are pecent orders worked manual versus mechanized042 represents 1/24 of a trunk group. Assumes 24 trunks per order.								
.70 probability reflects 30% reduction to work time estimates ordered								
Order handling and screening	10	1.000	0.042	0.700		0.29	\$44.31	9
PCList Trunks	2	1.000	0.042	0.700		0.06	\$44.31	
Build and Validate Work Authorization (manual orders)	5	0.050	0.042	0.700		0.01	\$44.31	
Build and Validate Work Authorization (mechanized orders)	2	0.950	0.042	0.700		0.06	\$44.31	
Build and verify circuit design (manual orders)	10	0.050	0.042	0.700		0.01	\$44.31	
Build and verify circuit design (mechanized orders)	2	0.950	0.042	0.700		0.06	\$44.31	:
Distribute Documents	2	1.000	0.042	0.700		0.06	\$44.31	;
otal - DESIGN						0.55		
For Service:						7.55		,

Qwest Advice No. 3376T Page 139 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	
						B * (C Thru F)		H * (G/60)

LOCAL TANDEM SWITCHING - MESSAGE TRUNK GROUP - EACH ADDITIONAL TRUNK DISCONNECT (con't)

5627 Direct Cost			\$5.51
5628			
5629	Cost	Cost	
5630	Calculation	Factor	Cost
5631	ВС	D	E
5632 Directly Assigned			
5633 Product Management Expense	D5633*E5627	0.040393	\$0.22
5634 Sales Expense	D5634*E5627	0.014960	\$0.08
5635 Product Advertising Expense	D5635*E5627	0.000000	\$0.00
5636 Business Fees (Other Operating Taxes)	D5636*Sum(E5627:E5635)	0.042595	\$0.25
5637 Directly Assigned Costs	Sum(E5627:E5636)		\$0.55
5638			
5639 Total Direct Costs	E5627+E5637		\$6.07
5640			
5641 Directly Attributed			
5642 Network Operations	D5642*E5639	0.056129	\$0.34
5643 Network Support Assets	D5643*E5639	0.014074	\$0.09
5644 General Support Assets	D5644*E5639	0.057904	\$0.35
5645 General Purpose Computers	D5645*E5639	0.040926	\$0.25
5646 Uncollectible	D5646*E5639	0.001136	\$0.01
5647 Accounting & Finance Expense	D5647*E5639	0.010471	\$0.06
5648 Human Resources Expense	D5648*E5639	0.009808	\$0.06
5649 Information Management Expense	D5649*E5639	0.068149	\$0.41
5650 Intangibles	D5650*E5639	0.002634	\$0.02
5651 Directly Attributed Costs	Sum(E5642:E5650)		\$1.58
5652			
5653 TELRIC	E5642+E5651		\$7.65
5654			
5655 Common			
5656 Executive Expense	D5656*E5653	0.008052	\$0.06
5657 Planning Expense	D5657*E5653	0.000682	\$0.01
5658 External Relations Expense	D5658*E5653	0.009631	\$0.07
5659 Legal Expense	D5659*E5653	0.007338	\$0.06
5660 Other Procurement Expense	D5660*E5653	0.002772	\$0.02
5661 Research & Development Expense	D5661*E5653	0.000042	\$0.00
5662 Other General and Admin Expense	D5662*E5653	0.019104	\$0.15
5663 Common Costs	Sum(E5656:E5662)		\$0.36
5664			
5665 TELRIC + Common Costs	E5653+E5663		\$8.02

Qwest Advice No. 3376T Page 140 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G	Н	
						B * (C Thru F)		H * (G/60)

9.11.1.3 CENTREX COMMON EQUIPMENT

ADD

-NROC

oc	- COMPLEX TRANSLATIONS						
	% probability by switch type						
	.70 probability reflects 30% reduction to work time estimates ordered						
	COMMON EQUIPMENT - 5E	215	0.660	0.700	99.33	\$41.45	\$68.62
	COMMON EQUIPMENT - 5E	195	0.660	0.700	90.09	\$41.45	\$62.24
	COMMON EQUIPMENT - DMS	350	0.340	0.700	83.30	\$41.45	\$57.55
	COMMON EQUIPMENT - DMS	595	0.340	0.700	141.61	\$41.45	\$97.83
	AUTOMATIC CALLBACK - 5E	10	0.660	0.700	4.62	\$41.45	\$3.19
	AUTOMATIC CALLBACK - 5E	10	0.660	0.700	4.62	\$41.45	\$3.19
	AUTOMATIC CALLBACK - DMS	15	0.340	0.700	3.57	\$41.45	\$2.47
	AUTOMATIC CALLBACK - DMS	15	0.340	0.700	3.57	\$41.45	\$2.47
	CALL FORWARDING - BUSY LINE - 5E	30	0.660	0.700	13.86	\$41.45	\$9.57
	CALL FORWARDING - BUSY LINE - 5E	30	0.660	0.700	13.86	\$41.45	\$9.57
	CALL FORWARDING - DON'T ANSWER - 5E	30	0.660	0.700	13.86	\$41.45	\$9.57
	CALL FORWARDING - DON'T ANSWER - 5E	30	0.660	0.700	13.86	\$41.45	\$9.57
	CALL FORWARDING - DON'T ANSWER - DMS	10	0.340	0.700	2.38	\$41.45	\$1.64
	CALL FORWARDING - DON'T ANSWER - DMS	10	0.340	0.700	2.38	\$41.45	\$1.64
	CALL FORWARDING - VARIABLE - 5E	7	0.660	0.700	3.23	\$41.45	\$2.23
	CALL FORWARDING - VARIABLE - 5E	7	0.660	0.700	3.23	\$41.45	\$2.23
	CALL FORWARDING - VARIABLE - DMS	20	0.340	0.700	4.76	\$41.45	\$3.29
	CALL FORWARDING - VARIABLE - DMS	25	0.340	0.700	5.95	\$41.45	\$4.11
	CALL HOLD - 5E	10	0.660	0.700	4.62	\$41.45	\$3.19
	CALL HOLD - 5E	10	0.660	0.700	4.62	\$41.45	\$3.19
	CALL HOLD - DMS	5	0.340	0.700	1.19	\$41.45	\$0.82
	CALL HOLD - DMS	10	0.340	0.700	2.38	\$41.45	\$1.64
	CALL PARK - 5E	20	0.660	0.700	9.24	\$41.45	\$6.38
	CALL PARK - 5E	10	0.660	0.700	4.62	\$41.45	\$3.19
	CALL PARK - DMS	20	0.340	0.700	4.76	\$41.45	\$3.29
	CALL PARK - DMS	25	0.340	0.700	5.95	\$41.45	\$4.11
	CALL PICKUP - 5E	10	0.660	0.700	4.62	\$41.45	\$3.19
	CALL PICKUP - 5E	10	0.660	0.700	4.62	\$41.45	\$3.19
	CALL WAITING - CANCEL CALL WAITING - ORIGINATING, TERMINATING - 5E	10	0.660	0.700	4.62	\$41.45	\$3.19
	CALL WAITING - CANCEL CALL WAITING - ORIGINATING, TERMINATING - 5E	10	0.660	0.700	4.62	\$41.45	\$3.19
	CALL WAITING - CANCEL CALL WAITING - ORIGINATING, TERMINATING - DMS	25	0.340	0.700	5.95	\$41.45	\$4.11
	CALL WAITING - CANCEL CALL WAITING - ORIGINATING, TERMINATING - DMS	30	0.340	0.700	7.14	\$41.45	\$4.93
	CONFERENCE CALLING - 3 WAY - 5E	7	0.660	0.700	3.23	\$41.45	\$2.23
	CONFERENCE CALLING - 3 WAY - 5E	7	0.660	0.700	3.23	\$41.45	\$2.23
	CONFERENCE CALLING - 6 WAY - 5E	25	0.660	0.700	11.55	\$41.45	\$7.98
	CONFERENCE CALLING - 6 WAY - 5E	20	0.660	0.700	9.24	\$41.45	\$6.38
	CONFERENCE CALLING - 6 WAY - DMS	20	0.340	0.700	4.76	\$41.45	\$3.29

Qwest Advice No. 3376T Page 141 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti Product Group: Interconnection

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
Work nem	B	#1 C	#2 D	E	# 4 F	G	H	COSt
	_	· ·	_	_	•	B * (C Thru F)	• • •	H * (G/60)
0.44.4.0 OFNTDEY COMMON FOUNDMENT (com/d)								
9.11.1.3 CENTREX COMMON EQUIPMENT (con't)								
CONFERENCE CALLING - 6 WAY - DMS	20	0.340	0.700			4.76	\$41.45	\$3.29
DATA CALL PROTECTION - 5E	10	0.660	0.700			4.62	\$41.45	\$3.19
DATA CALL PROTECTION - 5E	10	0.660	0.700			4.62	\$41.45	\$3.19
DATA CALL PROTECTION - DMS	30	0.340	0.700			7.14	\$41.45	\$4.93
DATA CALL PROTECTION - DMS	30	0.340	0.700			7.14	\$41.45	\$4.93
DISTINCTIVE CALL WAITING TONE - DMS	30	0.340	0.700			7.14	\$41.45	\$4.93
DISTINCTIVE CALL WAITING TONE - DMS	30	0.340	0.700			7.14	\$41.45	\$4.93
EXECUTIVE BUSY OVERRIDE - DMS	30	0.340	0.700			7.14	\$41.45	\$4.93
EXECUTIVE BUSY OVERRIDE - DMS	40	0.340	0.700			9.52	\$41.45	\$6.58
HUNTING (MLHG, CIRCULAR HUNTING, SERIES COMPLETION) - DMS	30	0.340	0.700			7.14	\$41.45	\$4.93
HUNTING (MLHG, CIRCULAR HUNTING, SERIES COMPLETION) - DMS	40	0.340	0.700			9.52	\$41.45	\$6.58
INTRASYSTEM CALLING - 5E	10	0.660	0.700			4.62	\$41.45	\$3.19
INTRASYSTEM CALLING - 5E	10	0.660	0.700			4.62	\$41.45	\$3.19
LAST NUMBER REDIAL - 5E	5	0.660	0.700			2.31	\$41.45	\$1.60
LAST NUMBER REDIAL - 5E	10	0.660	0.700			4.62	\$41.45	\$3.19
LINE RESTRICTIONS - DMS	10	0.340	0.700			2.38	\$41.45	\$1.64
LINE RESTRICTIONS - DMS	10	0.340	0.700			2.38	\$41.45	\$1.64 \$0.82
MAKE SET BUSY - DMS MAKE SET BUSY - DMS	5 10	0.340	0.700 0.700			1.19	\$41.45 \$41.45	
NETWORK SPEED CALL - DMS	135	0.340 0.340	0.700			2.38 32.13	\$41.45 \$41.45	\$1.64 \$22.20
NETWORK SPEED CALL - DMS	150	0.340	0.700			35.70	\$41.45 \$41.45	\$22.20 \$24.66
OUTGOING TRUNK QUEUING - 5E	30	0.340	0.700			13.86	\$41.45	\$24.66 \$9.57
OUTGOING TRUNK QUEUING - 5E	30	0.660	0.700			13.86	\$41.45	\$9.57
OUTGOING TRUNK QUEUING - DMS	60	0.340	0.700			14.28	\$41.45	\$9.87
OUTGOING TRUNK QUEUING - DMS	65	0.340	0.700			15.47	\$41.45	\$10.69
SPEED CALLING - 1 & 2 DIGIT - 5E	10	0.660	0.700			4.62	\$41.45	\$3.19
SPEED CALLING - 1 & 2 DIGIT - 5E	10	0.660	0.700			4.62	\$41.45	\$3.19
SPEED CALLING - 1 & 2 DIGIT - DMS	10	0.340	0.700			2.38	\$41.45	\$1.64
SPEED CALLING - 1 & 2 DIGIT - DMS	10	0.340	0.700			2.38	\$41.45	\$1.64
THREE WAY CALLING/CONSULATION HOLD/CALL TRANSFER - DMS	10	0.340	0.700			2.38	\$41.45	\$1.64
THREE WAY CALLING/CONSULATION HOLD/CALL TRANSFER - DMS	15	0.340	0.700			3.57	\$41.45	\$2.47
TRUNK ANSWER ANY STATION (NIGHT SERVICE) - 5E	10	0.660	0.700			4.62	\$41.45	\$3.19
TRUNK ANSWER ANY STATION (NIGHT SERVICE) - 5E	10	0.660	0.700			4.62	\$41.45	\$3.19
TRUNK ANSWER ANY STATION (NIGHT SERVICE) - DMS	35	0.340	0.700			8.33	\$41.45	\$5.75
TRUNK ANSWER ANY STATION (NIGHT SERVICE) - DMS	40	0.340	0.700			9.52	\$41.45	\$6.58
Subtotal - NROC - COMPLEX TRANSLATIONS						881.78		\$609.16
True Francis						004.70		¢000.40
Total For Service:						881.78		\$609.16

Qwest Advice No. 3376T Page 142 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G	Н	
						B * (C Thru F)		H * (G/60)

9.11.1.3 CENTREX COMMON EQUIPMENT (con't)

5763 5764 5765 5766 5767 Directly Assigned 5768 Product Management Expense 5769 Sales Expense 5770 Product Advertising Expense 5771 Business Fees (Other Operating Taxes)	Cost Calculation B C D5768*E5762 D5770*E5762 D5770*E5762	Cost Factor D 0.040393 0.014960	Cost E \$24.61
5765 5766 5767 <i>Directly Assigned</i> 5768 Product Management Expense 5769 Sales Expense 5770 Product Advertising Expense 5771 Business Fees (Other Operating Taxes)	Calculation B C D5768*E5762 D5769*E5762 D5770*E5762	0.040393 0.014960	E \$24.61
5766 5767 <i>Directly Assigned</i> 5768 Product Management Expense 5769 Sales Expense 5770 Product Advertising Expense 5771 Business Fees (Other Operating Taxes)	B C D5768*E5762 D5769*E5762 D5770*E5762	0.040393 0.014960	E \$24.61
5767 <i>Directly Assigned</i> 5768 Product Management Expense 5769 Sales Expense 5770 Product Advertising Expense 5771 Business Fees (Other Operating Taxes)	D5768*E5762 D5769*E5762 D5770*E5762	0.040393 0.014960	\$24.61
5768 Product Management Expense 5769 Sales Expense 5770 Product Advertising Expense 5771 Business Fees (Other Operating Taxes)	D5769*E5762 D5770*E5762	0.014960	
5769 Sales Expense 5770 Product Advertising Expense 5771 Business Fees (Other Operating Taxes)	D5769*E5762 D5770*E5762	0.014960	
5770 Product Advertising Expense 5771 Business Fees (Other Operating Taxes)	D5770*E5762		
5771 Business Fees (Other Operating Taxes)			\$9.11
	DE774*C(EE7C0.EE770)	0.000000	\$0.00
	D5771*Sum(E5762:E5770)	0.042595	\$27.38
5772 Directly Assigned Costs	Sum(E5762:E5771)		\$61.10
5773			
5774 Total Direct Costs	E5762+E5772		\$670.26
5775			
5776 Directly Attributed			
5777 Network Operations	D5777*E5774	0.056129	\$37.62
5778 Network Support Assets	D5778*E5774	0.014074	\$9.43
5779 General Support Assets	D5779*E5774	0.057904	\$38.81
5780 General Purpose Computers	D5780*E5774	0.040926	\$27.43
5781 Uncollectible	D5781*E5774	0.001136	\$0.76
5782 Accounting & Finance Expense	D5782*E5774	0.010471	\$7.02
5783 Human Resources Expense	D5783*E5774	0.009808	\$6.57
5784 Information Management Expense	D5784*E5774	0.068149	\$45.68
5785 Intangibles	D5785*E5774	0.002634	\$1.77
5786 Directly Attributed Costs	Sum(E5777:E5785)		\$175.09
5787			
5788 TELRIC	E5777+E5786		\$845.36
5789			
5790 Common			
5791 Executive Expense	D5791*E5788	0.008052	\$6.81
5792 Planning Expense	D5792*E5788	0.000682	\$0.58
5793 External Relations Expense	D5793*E5788	0.009631	\$8.14
5794 Legal Expense	D5794*E5788	0.007338	\$6.20
5795 Other Procurement Expense	D5795*E5788	0.002772	\$2.34
5796 Research & Development Expense	D5796*E5788	0.000042	\$0.04
5797 Other General and Admin Expense	D5797*E5788	0.019104	\$16.15
5798 Common Costs	Sum(E5791:E5797)		\$40.26
5799	_	•	
5800 TELRIC + Common Costs	E5788+E5798		\$885.61

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Study Name: PART D FINAL ORDER NRC STUDY 7246 A Study Year: 2001

Analyst: Deffley/Eoriatti

Product Group: Interconnection

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	_
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G D * (O The F)	Н	
						B * (C Thru F)		H * (G/60)
ACCOUNT CODES, PER SYSTEM								
ADD								
RCMAC probability % by switch type								
.70 probability reflects 30% reduction to work time estimates ordered								
Translations - SW1	1	0.660	0.700			0.46	\$43.81	\$0.34
Translations - SW2	1	0.340	0.700			0.24	\$43.81	\$0.17
Subtotal - RCMAC						0.70		\$0.51
NDOC								
NROC Probability is % by switch type								
.70 probability reflects 30% reduction to work time estimates ordered								
Administration - sw1	20	0.660	0.700			9.24	\$41.45	\$6.38
Maintenance - sw1	20	0.660	0.700			9.24	\$41.45	\$6.38
Administration - sw2	60	0.340	0.700			14.28	\$41.45	\$9.87
Maintenance - sw2	105	0.340	0.700			24.99	\$41.45	\$17.26
Subtotal - NROC						57.75		\$39.90
Total For Service:						58.45		\$40.41

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Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	[
						B * (C Thru F)		H * (G/60)

ACCOUNT CODES, PER SYSTEM (con't)

5852 Direct Cost			\$40.41
5853			
5854	Cost	Cost	
5855	Calculation	Factor	Cost
5856	ВС	D	Е
5857 Directly Assigned			
5858 Product Management Expense	D5858*E5852	0.040393	\$1.63
5859 Sales Expense	D5859*E5852	0.014960	\$0.60
5860 Product Advertising Expense	D5860*E5852	0.000000	\$0.00
5861 Business Fees (Other Operating Taxes)	D5861*Sum(E5852:E5860)	0.042595	\$1.82
5862 Directly Assigned Costs	Sum(E5852:E5861)		\$4.05
5863			
5864 Total Direct Costs	E5852+E5862		\$44.46
5865			·
5866 Directly Attributed			
5867 Network Operations	D5867*E5864	0.056129	\$2.50
5868 Network Support Assets	D5868*E5864	0.014074	\$0.63
5869 General Support Assets	D5869*E5864	0.057904	\$2.57
5870 General Purpose Computers	D5870*E5864	0.040926	\$1.82
5871 Uncollectible	D5871*E5864	0.001136	\$0.05
5872 Accounting & Finance Expense	D5872*E5864	0.010471	\$0.47
5873 Human Resources Expense	D5873*E5864	0.009808	\$0.44
5874 Information Management Expense	D5874*E5864	0.068149	\$3.03
5875 Intangibles	D5875*E5864	0.002634	\$0.12
5876 Directly Attributed Costs	Sum(E5867:E5875)		\$11.61
5877			
5878 TELRIC	E5867+E5876		\$56.07
5879			
5880 Common			
5881 Executive Expense	D5881*E5878	0.008052	\$0.45
5882 Planning Expense	D5882*E5878	0.000682	\$0.04
5883 External Relations Expense	D5883*E5878	0.009631	\$0.54
5884 Legal Expense	D5884*E5878	0.007338	\$0.41
5885 Other Procurement Expense	D5885*E5878	0.002772	\$0.16
5886 Research & Development Expense	D5886*E5878	0.000042	\$0.00
5887 Other General and Admin Expense	D5887*E5878	0.019104	\$1.07
5888 Common Costs	Sum(E5881:E5887)		\$2.67
5889		· · · · · · · · · · · · · · · · · · ·	
5890 TELRIC + Common Costs	E5878+E5888		\$58.74

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Study Name: PART D FINAL ORDER NRC STUDY 7246 A Study Year: 2001

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	В	С	D	E	F	G B * (C Thru F)	Н	I H * (G/60)
ATTENDANT ACCESS LINE - PER STATION LINE								
<u>*ADD*</u>								
-RCMAC								
.66 & .34 probability is % by switch type .70 probability reflects 30% reduction to work time estimates ordered								
Translations - SW1	1	0.660	0.700			0.46	\$43.81	\$0.34
Translations - SW2	1	0.340	0.700			0.24	\$43.81	\$0.17
Subtotal - RCMAC						0.70		\$0.51
-NROC								
.005 probability is average number of lines (200 lines in a system)								
.66 & .34 probability is % by switch type								
.70 probability reflects 30% reduction to work time estimates ordered	45	0.005	0.000	0.700		0.00	044.45	# 0.00
Administration - sw1 Maintenance - sw1	15 15	0.005 0.005	0.660 0.660	0.700 0.700		0.03 0.03	\$41.45 \$41.45	\$0.02 \$0.02
Administration - sw2	15	0.005	0.340	0.700		0.03	\$41.45	\$0.02
Maintenance - sw2	15	0.005	0.340	0.700		0.02	\$41.45	\$0.01
Subtotal - NROC						0.11		\$0.07
Total For Service:	·					0.81		\$0.58

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Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	[
						B * (C Thru F)		H * (G/60)

ATTENDANT ACCESS LINE - PER STATION LINE (con't)

5942 Direct Cost			\$0.58
5943			
5944	Cost	Cost	
5945	Calculation	Factor	Cost
5946	ВС	D	E
5947 Directly Assigned			
5948 Product Management Expense	D5948*E5942	0.040393	\$0.02
5949 Sales Expense	D5949*E5942	0.014960	\$0.01
5950 Product Advertising Expense	D5950*E5942	0.000000	\$0.00
5951 Business Fees (Other Operating Taxes)	D5951*Sum(E5942:E5950)	0.042595	<u>\$0.03</u>
5952 Directly Assigned Costs	Sum(E5942:E5951)		\$0.06
5953			
5954 Total Direct Costs	E5942+E5952		\$0.64
5955			
5956 Directly Attributed			_
5957 Network Operations	D5957*E5954	0.056129	\$0.04
5958 Network Support Assets	D5958*E5954	0.014074	\$0.01
5959 General Support Assets	D5959*E5954	0.057904	\$0.04
5960 General Purpose Computers	D5960*E5954	0.040926	\$0.03
5961 Uncollectible	D5961*E5954	0.001136	\$0.00
5962 Accounting & Finance Expense	D5962*E5954	0.010471	\$0.01
5963 Human Resources Expense	D5963*E5954	0.009808	\$0.01
5964 Information Management Expense	D5964*E5954	0.068149	\$0.04
5965 Intangibles	D5965*E5954	0.002634	\$0.00
5966 Directly Attributed Costs	Sum(E5957:E5965)		\$0.17
5967			00.01
5968 TELRIC	E5957+E5966		\$0.81
5969			
5970 Common			
5971 Executive Expense	D5971*E5968	0.008052	\$0.01
5972 Planning Expense	D5972*E5968	0.000682	\$0.00
5973 External Relations Expense	D5973*E5968	0.009631	\$0.01
5974 Legal Expense	D5974*E5968	0.007338	\$0.01
5975 Other Procurement Expense	D5975*E5968	0.002772	\$0.00
5976 Research & Development Expense	D5976*E5968	0.000042	\$0.00
5977 Other General and Admin Expense	D5977*E5968	0.019104	\$0.02
5978 Common Costs	Sum(E5971:E5977)		\$0.04
5979			00.5-
5980 TELRIC + Common Costs	E5968+E5978		\$0.85

Qwest Advice No. 3376T Page 147 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

Work Item	nime Minutes	#1	#2	#3	44	(Minutes)	/Hour	Cost
A	В	C	D	E E	F	G	H	I
						B * (C Thru F)		H * (G/60)
AUDIBLE MESSAGE WAITING								
<u>*ADD*</u>								
-RCMAC								
.66 & .34 probability is % by switch type .70 probability reflects 30% reduction to work time estimates ordered								
Translations - SW1	1	0.660	0.700			0.46	\$43.81	\$0.34
Translations - SW2	1	0.340	0.700			0.24		\$0.17
Subtotal - RCMAC						0.70		\$0.51
Total For Service:						0.70		\$0.51

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Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	
						B * (C Thru F)		H * (G/60)

AUDIBLE MESSAGE WAITING (con't)

6032 Direct Cost			\$0.51
6033			
6034	Cost	Cost	_
6035	Calculation	Factor	Cost
6036	ВС	D	E
6037 Directly Assigned			
6038 Product Management Expense	D6038*E6032	0.040393	\$0.02
6039 Sales Expense	D6039*E6032	0.014960	\$0.01
6040 Product Advertising Expense	D6040*E6032	0.000000	\$0.00
6041 Business Fees (Other Operating Taxes)	D6041*Sum(E6032:E6040)	0.042595	\$0.02
6042 Directly Assigned Costs	Sum(E6032:E6041)		\$0.05
6043			
6044 Total Direct Costs	E6032+E6042		\$0.56
6045 6046 Directly Attributed			
6047 Network Operations	D6047*E6044	0.056129	\$0.03
6048 Network Support Assets	D6048*E6044	0.030123	\$0.00
6049 General Support Assets	D6049*E6044	0.057904	\$0.03
6050 General Purpose Computers	D6050*E6044	0.040926	\$0.03
6051 Uncollectible	D6050 E6044	0.001136	\$0.02
6052 Accounting & Finance Expense	D6052*E6044	0.010471	\$0.00
6053 Human Resources Expense	D6053*E6044	0.009808	\$0.01
6054 Information Management Expense	D6054*E6044	0.068149	\$0.04
6055 Intangibles	D6055*E6044	0.002634	\$0.04
6056 Directly Attributed Costs	Sum(E6047:E6055)	0.002034	\$0.15
6057	Outil(20047.20033)		ψ0.10
6058 TELRIC	E6047+E6056		\$0.71
6059			
6060 Common			
6061 Executive Expense	D6061*E6058	0.008052	\$0.01
6062 Planning Expense	D6062*E6058	0.000682	\$0.00
6063 External Relations Expense	D6063*E6058	0.009631	\$0.01
6064 Legal Expense	D6064*E6058	0.007338	\$0.01
6065 Other Procurement Expense	D6065*E6058	0.002772	\$0.00
6066 Research & Development Expense	D6066*E6058	0.000042	\$0.00
6067 Other General and Admin Expense	D6067*E6058	0.019104	\$0.01
6068 Common Costs	Sum(E6061:E6067)		\$0.03
6069	F00F0 F0000		00.74
6070 TELRIC + Common Costs	E6058+E6068		\$0.74

Qwest Advice No. 3376T Page 149 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A Study Year: 2001

Analyst: Deffley/Eoriatti
Product Group: Interconnection

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G B * (C Thru F)	Н	I H * (G/60)
AUTHORIZATION CODES - PER SYSTEM								
<u>*ADD*</u>								
-RCMAC .66 & .34 probability is % by switch type .70 probability reflects 30% reduction to work time estimates ordered Translations - SW1	1	0.660	0.700			0.46	\$43.81	\$0.34
Subtotal - RCMAC						0.46		\$0.34
-NROC .66 & .34 probability is % by switch type .70 probability reflects 30% reduction to work time estimates ordered Administration - sw1 Maintenance - sw1 Administration - sw2 Maintenance - sw2	150 140 70 100	0.660 0.660 0.340 0.340	0.700 0.700 0.700 0.700			69.30 64.68 16.66 23.80	\$41.45 \$41.45 \$41.45 \$41.45	\$47.87 \$44.68 \$11.51 \$16.44
Subtotal - NROC						174.44		\$120.51
Total For Service:	_					174.90		\$120.85

Qwest Advice No. 3376T Page 150 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	
						B * (C Thru F)		H * (G/60)

AUTHORIZATION CODES - PER SYSTEM (con't)

6122 Direct Cost			\$120.85
6123			
6124	Cost	Cost	
6125	Calculation	Factor	Cost
6126	ВС	D	E
6127 Directly Assigned			
6128 Product Management Expense	D6128*E6122	0.040393	\$4.88
6129 Sales Expense	D6129*E6122	0.014960	\$1.81
6130 Product Advertising Expense	D6130*E6122	0.000000	\$0.00
6131 Business Fees (Other Operating Taxes)	D6131*Sum(E6122:E6130)	0.042595	\$5.43
6132 Directly Assigned Costs	Sum(E6122:E6131)		\$12.12
6133			
6134 Total Direct Costs	E6122+E6132		\$132.97
6135			•
6136 Directly Attributed			
6137 Network Operations	D6137*E6134	0.056129	\$7.46
6138 Network Support Assets	D6138*E6134	0.014074	\$1.87
6139 General Support Assets	D6139*E6134	0.057904	\$7.70
6140 General Purpose Computers	D6140*E6134	0.040926	\$5.44
6141 Uncollectible	D6141*E6134	0.001136	\$0.15
6142 Accounting & Finance Expense	D6142*E6134	0.010471	\$1.39
6143 Human Resources Expense	D6143*E6134	0.009808	\$1.30
6144 Information Management Expense	D6144*E6134	0.068149	\$9.06
6145 Intangibles	D6145*E6134	0.002634	\$0.35
6146 Directly Attributed Costs	Sum(E6137:E6145)		\$34.74
6147			
6148 TELRIC	E6137+E6146		\$167.70
6149			
6150 Common			
6151 Executive Expense	D6151*E6148	0.008052	\$1.35
6152 Planning Expense	D6152*E6148	0.000682	\$0.11
6153 External Relations Expense	D6153*E6148	0.009631	\$1.62
6154 Legal Expense	D6154*E6148	0.007338	\$1.23
6155 Other Procurement Expense	D6155*E6148	0.002772	\$0.46
6156 Research & Development Expense	D6156*E6148	0.000042	\$0.01
6157 Other General and Admin Expense	D6157*E6148	0.019104	\$3.20
6158 Common Costs	Sum(E6151:E6157)		\$7.99
6159			
6160 TELRIC + Common Costs	E6148+E6158		\$175.69

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Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

Work Item	Minutes	#1	#2	#3	Prob #4	(Minutes)	/Hour	Cost
A	В	C	D	E	F	G B * (C Thru F)	Н	I H * (G/60)
AUTOMATIC LINE, per station line								
ADD								
-RCMAC .66 & .34 probability is % by switch type .70 probability reflects 30% reduction to work time estimates ordered Translations - SW2	1	0.340	0.700			0.24	\$43.81	\$0.17
Subtotal - RCMAC						0.24		\$0.17
Total For Service:						0.24		\$0.17

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Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	
						B * (C Thru F)		H * (G/60)

AUTOMATIC LINE, per station line (con't)

6212 Direct Cost			\$0.17
6213			
6214	Cost	Cost	0
6215	Calculation	Factor	Cost
6216	ВС	D	E
6217 Directly Assigned			
6218 Product Management Expense	D6218*E6212	0.040393	\$0.01
6219 Sales Expense	D6219*E6212	0.014960	\$0.00
6220 Product Advertising Expense	D6220*E6212	0.000000	\$0.00
6221 Business Fees (Other Operating Taxes)	D6221*Sum(E6212:E6220)	0.042595	<u>\$0.01</u>
6222 Directly Assigned Costs	Sum(E6212:E6221)		\$0.02
6223 6224 Total Direct Costs	E6212+E6222		\$0.19
6225	E0212+E0222		φ0.19
6226 Directly Attributed			
6227 Network Operations	D6227*E6224	0.056129	\$0.01
6228 Network Support Assets	D6228*E6224	0.014074	\$0.00
6229 General Support Assets	D6229*E6224	0.057904	\$0.01
6230 General Purpose Computers	D6230*E6224	0.040926	\$0.01
6231 Uncollectible	D6231*E6224	0.001136	\$0.00
6232 Accounting & Finance Expense	D6232*E6224	0.010471	\$0.00
6233 Human Resources Expense	D6233*E6224	0.009808	\$0.00
6234 Information Management Expense	D6234*E6224	0.068149	\$0.01
6235 Intangibles	D6235*E6224	0.002634	\$0.00
6236 Directly Attributed Costs	Sum(E6227:E6235)		\$0.05
6237	,		
6238 TELRIC	E6227+E6236		\$0.24
6239 6240 Common			
6241 Executive Expense	D6241*E6238	0.008052	\$0.00
6242 Planning Expense	D6242*E6238	0.000682	\$0.00
6243 External Relations Expense	D6243*E6238	0.009631	\$0.00
6244 Legal Expense	D6244*E6238	0.007338	\$0.00
6245 Other Procurement Expense	D6245*E6238	0.002772	\$0.00
6246 Research & Development Expense	D6246*E6238	0.000042	\$0.00
6247 Other General and Admin Expense	D6247*E6238	0.019104	\$0.00
6248 Common Costs	Sum(E6241:E6247)		\$0.01
6249	(
6250 TELRIC + Common Costs	E6238+E6248		\$0.25

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Study Name: PART D FINAL ORDER NRC STUDY 7246 A Study Year: 2001

Analyst: Deffley/Eoriatti

Product Group: Interconnection

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G	Н	ı
						B * (C Thru F)		H * (G/60)
RS - COMMON EQUIPMENT, per system								
<u>ADD*</u>								
<u>NROC</u>								
.66 & .34 probability is % by switch type								
.70 probability reflects 30% reduction to work time estimates ordered								
Administration - sw1	1590	0.660	0.700			734.58	\$41.45	\$507.
Maintenance - sw1	1575	0.660	0.700			727.65	\$41.45	\$502.
Administration - sw2	125	0.340	0.700			29.75	\$41.45	\$20.
Maintenance - sw2	180	0.340	0.700			42.84	\$41.45	\$29.6
Subtotal - NROC						1,534.82		\$1,060.3
otal For Service:						1,534.82		\$1,060.

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Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G	Н	
						B * (C Thru F)		H * (G/60)

ARS - COMMON EQUIPMENT, per system (con't)

6302 Direct Cost			\$1,060.3
6303	<u> </u>		
6304	Cost	Cost	_
6305	Calculation	Factor	Cost
6306	ВС	D	E
6307 Directly Assigned			
6308 Product Management Expense	D6308*E6302	0.040393	\$42.8
6309 Sales Expense	D6309*E6302	0.014960	\$15.8
6310 Product Advertising Expense	D6310*E6302	0.000000	\$0.0
6311 Business Fees (Other Operating Taxes)	D6311*Sum(E6302:E6310)	0.042595	\$47.6
6312 Directly Assigned Costs	Sum(E6302:E6311)		\$106.3
6313			
6314 Total Direct Costs	E6302+E6312		\$1,166.6
6315			
6316 Directly Attributed			
6317 Network Operations	D6317*E6314	0.056129	\$65.4
6318 Network Support Assets	D6318*E6314	0.014074	\$16.4
6319 General Support Assets	D6319*E6314	0.057904	\$67.
6320 General Purpose Computers	D6320*E6314	0.040926	\$47.7
6321 Uncollectible	D6321*E6314	0.001136	\$1.3
6322 Accounting & Finance Expense	D6322*E6314	0.010471	\$12.2
6323 Human Resources Expense	D6323*E6314	0.009808	\$11.4
6324 Information Management Expense	D6324*E6314	0.068149	\$79.5
6325 Intangibles	D6325*E6314	0.002634	\$3.0
6326 Directly Attributed Costs	Sum(E6317:E6325)		\$304.7
6327			
6328 TELRIC	E6317+E6326		\$1,471.4
6329			
6330 Common			
6331 Executive Expense	D6331*E6328	0.008052	\$11.
6332 Planning Expense	D6332*E6328	0.000682	\$1.0
6333 External Relations Expense	D6333*E6328	0.009631	\$14.
6334 Legal Expense	D6334*E6328	0.007338	\$10.
6335 Other Procurement Expense	D6335*E6328	0.002772	\$4.
6336 Research & Development Expense	D6336*E6328	0.000042	\$0.
6337 Other General and Admin Expense	D6337*E6328	0.019104	\$28.
6338 Common Costs	Sum(E6331:E6337)		\$70.
6339			
6340 TELRIC + Common Costs	E6328+E6338		\$1,541.5

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\$0.17

0.24

Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

Total For Service:

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G	Н	
						B * (C Thru F)		H * (G/60)
CALL DROP								
** PD*								
<u>*ADD*</u>								
-RCMAC								
.66 & .34 probability is % by switch type								
.70 probability reflects 30% reduction to work time estimates ordered								
Translations - SW2	1	0.340	0.700			0.24	\$43.81	\$0.17
Translation OTTE	•	0.010	0.700			0.21	ψ.σ.σ.	ΨΟ.11
Subtotal - RCMAC						0.24		\$0.17

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Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	
						B * (C Thru F)		H * (G/60)

CALL DROP (con't)

6392 Direct Cost			\$0.17
6393	<u> </u>		
6394	Cost	Cost	
6395	Calculation	Factor	Cost
6396	ВС	D	E
6397 Directly Assigned			
6398 Product Management Expense	D6398*E6392	0.040393	\$0.01
6399 Sales Expense	D6399*E6392	0.014960	\$0.00
6400 Product Advertising Expense	D6400*E6392	0.000000	\$0.00
6401 Business Fees (Other Operating Taxes)	D6401*Sum(E6392:E6400)	0.042595	\$0.01
6402 Directly Assigned Costs	Sum(E6392:E6401)		\$0.02
6403			
6404 Total Direct Costs	E6392+E6402		\$0.19
6405			
6406 Directly Attributed	DC407*FC404	0.050400	CO 04
6407 Network Operations	D6407*E6404	0.056129	\$0.01
6408 Network Support Assets	D6408*E6404	0.014074	\$0.00
6409 General Support Assets	D6409*E6404	0.057904	\$0.01
6410 General Purpose Computers	D6410*E6404	0.040926	\$0.01
6411 Uncollectible	D6411*E6404	0.001136	\$0.00
6412 Accounting & Finance Expense	D6412*E6404	0.010471	\$0.00
6413 Human Resources Expense	D6413*E6404	0.009808	\$0.00
6414 Information Management Expense	D6414*E6404	0.068149	\$0.01
6415 Intangibles	D6415*E6404	0.002634	\$0.00
6416 Directly Attributed Costs	Sum(E6407:E6415)		\$0.05
6417			
6418 TELRIC 6419	E6407+E6416		\$0.24
6420 Common			
6421 Executive Expense	D6421*E6418	0.008052	\$0.00
6422 Planning Expense	D6422*E6418	0.000682	\$0.00
6423 External Relations Expense	D6423*E6418	0.009631	\$0.00
6424 Legal Expense	D6424*E6418	0.007338	\$0.00
6425 Other Procurement Expense	D6425*E6418	0.007338	\$0.00
6426 Research & Development Expense	D6426*E6418	0.002772	\$0.00
6427 Other General and Admin Expense	D6427*E6418	0.000042	\$0.00
6428 Common Costs	Sum(E6421:E6427)	0.013104	\$0.00
6429	Juni(E0421.E0421)		ψυ.υ ι
6430 TELRIC + Common Costs	E6418+E6428		\$0.25
			70.20

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Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

Work Item	I ime Minutes	Prob #1	Prob #2	#3	Prob #4	(Minutes)	Labor /Hour	Cost
A	В	С	D	Е	F	G B * (C Thru F)	Н	I H * (G/60)
CALL EXCLUSION - AUTOMATIC								
ADD								
-RCMAC .66 & .34 probability is % by switch type .70 probability reflects 30% reduction to work time estimates ordered								
Translations - SW1 Translations - SW2	1 1	0.660 0.340	0.700 0.700			0.46 0.24		\$0.34 \$0.17
Subtotal - RCMAC						0.70		\$0.51
Total For Service:						0.70		\$0.51

Qwest Advice No. 3376T Page 158 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G	Н	
						B * (C Thru F)		H * (G/60)

CALL EXCLUSION - AUTOMATIC (con't)

6482 Direct Cost			\$0.51
6483	<u></u>		
6484	Cost	Cost	
6485	Calculation	Factor	Cost
6486	ВС	D	E
6487 Directly Assigned			
6488 Product Management Expense	D6488*E6482	0.040393	\$0.02
6489 Sales Expense	D6489*E6482	0.014960	\$0.01
6490 Product Advertising Expense	D6490*E6482	0.000000	\$0.00
6491 Business Fees (Other Operating Taxes)	D6491*Sum(E6482:E6490)	0.042595	\$0.02
6492 Directly Assigned Costs	Sum(E6482:E6491)		\$0.05
6493			
6494 Total Direct Costs	E6482+E6492		\$0.56
6495			
6496 Directly Attributed			
6497 Network Operations	D6497*E6494	0.056129	\$0.03
6498 Network Support Assets	D6498*E6494	0.014074	\$0.01
6499 General Support Assets	D6499*E6494	0.057904	\$0.03
6500 General Purpose Computers	D6500*E6494	0.040926	\$0.02
6501 Uncollectible	D6501*E6494	0.001136	\$0.00
6502 Accounting & Finance Expense	D6502*E6494	0.010471	\$0.01
6503 Human Resources Expense	D6503*E6494	0.009808	\$0.01
6504 Information Management Expense	D6504*E6494	0.068149	\$0.04
6505 Intangibles	D6505*E6494	0.002634	\$0.00
6506 Directly Attributed Costs	Sum(E6497:E6505)		\$0.15
6507			
6508 TELRIC	E6497+E6506		\$0.71
6509 6510 Common			
6511 Executive Expense	D6511*E6508	0.008052	\$0.01
6512 Planning Expense	D65112*E6508	0.000682	\$0.00
6513 External Relations Expense	D6512 E6508	0.000682	\$0.00
6514 Legal Expense	D6513 E6508	0.009631	\$0.01
6515 Other Procurement Expense 6516 Research & Development Expense	D6515*E6508 D6516*E6508	0.002772	\$0.00
	D6516^E6508 D6517*E6508	0.000042 0.019104	\$0.00
6517 Other General and Admin Expense		0.019104	\$0.01
6518 Common Costs 6519	Sum(E6511:E6517)		\$0.03
6520 TELRIC + Common Costs	E6508+E6518		\$0.74
0020 TELINO + COMMON COSts	LUJUUTLUJIU		ψ0.74

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\$0.34

0.46 \$43.81

Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

		Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work	k Item I	Vinutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
•	A	В	С	D	E	F	G	Н	l
							B * (C Thru F)		H * (G/60)
CALL EXCLUSION									
ADD									
DCMAC									

.66 & .34 probability is % by switch type
.70 probability reflects 30% reduction to work time estimates ordered
Translations - SW1

Subtotal - RCMAC 0.46 \$0.34

0.660

0.700

Total For Service: 0.46 \$0.34

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Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	
						B * (C Thru F)		H * (G/60)

CALL EXCLUSION (con't)

6572 Direct Cost			\$0.34
6573			
6574	Cost	Cost	
6575	Calculation	Factor	Cost
6576	ВС	D	E
6577 Directly Assigned			
6578 Product Management Expense	D6578*E6572	0.040393	\$0.01
6579 Sales Expense	D6579*E6572	0.014960	\$0.01
6580 Product Advertising Expense	D6580*E6572	0.000000	\$0.00
6581 Business Fees (Other Operating Taxes)	D6581*Sum(E6572:E6580)	0.042595	<u>\$0.02</u>
6582 Directly Assigned Costs	Sum(E6572:E6581)		\$0.03
6583			
6584 Total Direct Costs	E6572+E6582		\$0.37
6585			
6586 Directly Attributed			_
6587 Network Operations	D6587*E6584	0.056129	\$0.02
6588 Network Support Assets	D6588*E6584	0.014074	\$0.01
6589 General Support Assets	D6589*E6584	0.057904	\$0.02
6590 General Purpose Computers	D6590*E6584	0.040926	\$0.02
6591 Uncollectible	D6591*E6584	0.001136	\$0.00
6592 Accounting & Finance Expense	D6592*E6584	0.010471	\$0.00
6593 Human Resources Expense	D6593*E6584	0.009808	\$0.00
6594 Information Management Expense	D6594*E6584	0.068149	\$0.03
6595 Intangibles	D6595*E6584	0.002634	\$0.00
6596 Directly Attributed Costs	Sum(E6587:E6595)		\$0.10
6597			00.4=
6598 TELRIC	E6587+E6596		\$0.47
6599			
6600 Common			
6601 Executive Expense	D6601*E6598	0.008052	\$0.00
6602 Planning Expense	D6602*E6598	0.000682	\$0.00
6603 External Relations Expense	D6603*E6598	0.009631	\$0.00
6604 Legal Expense	D6604*E6598	0.007338	\$0.00
6605 Other Procurement Expense	D6605*E6598	0.002772	\$0.00
6606 Research & Development Expense	D6606*E6598	0.000042	\$0.00
6607 Other General and Admin Expense	D6607*E6598	0.019104	\$0.01
6608 Common Costs	Sum(E6601:E6607)		\$0.02
6609			A 0 :-1
6610 TELRIC + Common Costs	E6598+E6608		\$0.49

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Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G	Н	I
						B * (C Thru F)		H * (G/60)
CF DON'T ANSWER/CF BUSY CUSTOMER PROGRAMMABLE - PER LINE								
<u>*ADD*</u>								
-RCMAC								
.66 & .34 probability is % by switch type .70 probability reflects 30% reduction to work time estimates ordered								
Translations - SW1	1	0.660	0.700			0.46	\$43.81	\$0.34
Translations - SW2	1	0.340	0.700			0.24		\$0.17
Subtotal - RCMAC						0.70		\$0.51
Total For Service:						0.70		\$0.51

Qwest Advice No. 3376T Page 162 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	
						B * (C Thru F)		H * (G/60)

CF DON'T ANSWER/CF BUSY CUSTOMER PROGRAMMABLE - PER LINE (con't)

6662 Direct Cost			\$0.51
6663			
6664	Cost	Cost	
6665	Calculation	Factor	Cost
6666	ВС	D	E
6667 Directly Assigned	·		<u>.</u>
6668 Product Management Expense	D6668*E6662	0.040393	\$0.02
6669 Sales Expense	D6669*E6662	0.014960	\$0.01
6670 Product Advertising Expense	D6670*E6662	0.000000	\$0.00
6671 Business Fees (Other Operating Taxes)	D6671*Sum(E6662:E6670)	0.042595	\$0.02
6672 Directly Assigned Costs	Sum(E6662:E6671)		\$0.05
6673			
6674 Total Direct Costs	E6662+E6672		\$0.56
6675			.
6676 Directly Attributed			
6677 Network Operations	D6677*E6674	0.056129	\$0.03
6678 Network Support Assets	D6678*E6674	0.014074	\$0.01
6679 General Support Assets	D6679*E6674	0.057904	\$0.03
6680 General Purpose Computers	D6680*E6674	0.040926	\$0.02
6681 Uncollectible	D6681*E6674	0.001136	\$0.00
6682 Accounting & Finance Expense	D6682*E6674	0.010471	\$0.01
6683 Human Resources Expense	D6683*E6674	0.009808	\$0.01
6684 Information Management Expense	D6684*E6674	0.068149	\$0.04
6685 Intangibles	D6685*E6674	0.002634	\$0.00
686 Directly Attributed Costs	Sum(E6677:E6685)		\$0.15
6687			
6688 TELRIC	E6677+E6686		\$0.71
6689			<u> </u>
6690 <i>Common</i>			
6691 Executive Expense	D6691*E6688	0.008052	\$0.01
6692 Planning Expense	D6692*E6688	0.000682	\$0.00
6693 External Relations Expense	D6693*E6688	0.009631	\$0.01
6694 Legal Expense	D6694*E6688	0.007338	\$0.01
6695 Other Procurement Expense	D6695*E6688	0.002772	\$0.00
6696 Research & Development Expense	D6696*E6688	0.000042	\$0.00
6697 Other General and Admin Expense	D6697*E6688	0.019104	\$0.01
6698 Common Costs	Sum(E6691:E6697)		\$0.03
6699			
6700 TELRIC + Common Costs	E6688+E6698		\$0.74

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Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G B * (C Thru F)	Н	I H * (G/60)
CF DON'T ANSWER/CF BUSY CUSTOMER PROGRAMMABLE - SERVICE ESTABLSIHMENT								
ADD								
-RCMAC .66 & .34 probability is % by switch type .70 probability reflects 30% reduction to work time estimates ordered Translations - SW1	1	0.660	0.700			0.46	\$43.81	\$0.34
Translations - SW2	1	0.340	0.700			0.24	\$43.81	\$0.17
Subtotal - RCMAC						0.70		\$0.51
-NROC								
.66 & .34 probability is % by switch type .70 probability reflects 30% reduction to work time estimates ordered								
Administration - DMS	20	0.340	0.700			4.76	\$41.45	\$3.29
Maintenance - DMS	25	0.340	0.700			5.95	\$41.45	\$4.11
Subtotal - NROC						10.71		\$7.40
Total For Service:						11.41		\$7.91

Qwest Advice No. 3376T Page 164 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	
						B * (C Thru F)		H * (G/60)

CF DON'T ANSWER/CF BUSY CUSTOMER PROGRAMMABLE - SERVICE ESTABLSIHMENT (con't)

Calculation C	Factor	
ВС		Cost
	D	Е
D6758*E6752	0.040393	\$0.3
D6759*E6752	0.014960	\$0.1
D6760*E6752	0.000000	\$0.0
D6761*Sum(E6752:E6760)	0.042595	\$0.3
Sum(E6752:E6761)		\$0.7
E6752+E6762		\$8.7
		\$0.4
		\$0.1
		\$0.5
		\$0.3
		\$0.0
		\$0.0
		\$0.0
		\$0.5
	0.002634	\$0.0
Sum(E6767:E6775)		\$2.2
E6767+E6776		\$10.9
D6781*E6778	0.008052	\$0.0
D6782*E6778	0.000682	\$0.0
D6783*E6778	0.009631	\$0.1
D6784*E6778	0.007338	\$0.0
D6785*E6778	0.002772	\$0.0
D6786*E6778	0.000042	\$0.0
D6787*E6778	0.019104	\$0.2
Sum(E6781:E6787)		\$0.5
	D6759*E6752 D6761*Sum(E6752:E6760) Sum(E6752:E6761) E6752+E6762 D6767*E6764 D6768*E6764 D6769*E6764 D6770*E6764 D6771*E6764 D6773*E6764 D6773*E6764 D6775*E6764 D6775*E6764 D6775*E6764 D6778*E6764 D6778*E6768 Sum(E6767:E6778 D6788*E6778 D6788*E6778 D6788*E6778 D6788*E6778 D6788*E6778 D6788*E6778 D6788*E6778 D6788*E6778	D6759*E6752 0.014960 D6760*E6752 0.000000 D6761*Sum(E6752:E6760) 0.042595 Sum(E6752:E6761) E6752+E6762 D6767*E6764 0.057904 D6769*E6764 0.040926 D6771*E6764 0.001136 D6772*E6764 0.0014074 D6769*E6764 0.001471 D6773*E6764 0.009808 D6774*E6764 0.0088149 D6775*E6764 0.0068149 D6775*E6764 0.0068149 D6775*E6764 0.000682 D6783*E6778 0.000682 D6783*E6778 0.007338 D6784*E6778 0.007338 D6785*E6778 0.0007272 D6786*E6778 0.000042 D6787*E6778 0.000042 D6787*E6778 0.000042 D6787*E6778 0.000042 D6787*E6778 0.000042

Qwest Advice No. 3376T Page 165 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G B * (C Thru F)	Н	I H * (G/60)
CALL WAITING INDICATION, per unique timing state, per timing state								
<u>*ADD*</u> -RCMAC								
.66 & .34 probability is % by switch type .70 probability reflects 30% reduction to work time estimates ordered								
Translations - SW1 Translations - SW2	1 1	0.660 0.340	0.700 0.700			0.46 0.24	\$43.81 \$43.81	\$0.34 \$0.17
Subtotal - RCMAC						0.70		\$0.51
Total For Service:						0.70		\$0.51

Qwest Advice No. 3376T Page 166 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	
						B * (C Thru F)		H * (G/60)

CALL WAITING INDICATION, per unique timing state, per timing state (con't)

6842 Direct Cost			\$0.51
6843			
6844	Cost	Cost	
6845	Calculation	Factor	Cost
6846	ВС	D	E
6847 Directly Assigned			
6848 Product Management Expense	D6848*E6842	0.040393	\$0.02
6849 Sales Expense	D6849*E6842	0.014960	\$0.01
6850 Product Advertising Expense	D6850*E6842	0.000000	\$0.00
6851 Business Fees (Other Operating Taxes)	D6851*Sum(E6842:E6850)	0.042595	<u>\$0.02</u>
6852 Directly Assigned Costs	Sum(E6842:E6851)		\$0.05
6853			
6854 Total Direct Costs	E6842+E6852		\$0.56
6855			
6856 Directly Attributed			_
6857 Network Operations	D6857*E6854	0.056129	\$0.03
6858 Network Support Assets	D6858*E6854	0.014074	\$0.01
6859 General Support Assets	D6859*E6854	0.057904	\$0.03
6860 General Purpose Computers	D6860*E6854	0.040926	\$0.02
6861 Uncollectible	D6861*E6854	0.001136	\$0.00
6862 Accounting & Finance Expense	D6862*E6854	0.010471	\$0.01
6863 Human Resources Expense	D6863*E6854	0.009808	\$0.01
6864 Information Management Expense	D6864*E6854	0.068149	\$0.04
6865 Intangibles	D6865*E6854	0.002634	\$0.00
6866 Directly Attributed Costs	Sum(E6857:E6865)		\$0.15
6867	F00F7 F0000		00.74
6868 TELRIC	E6857+E6866		\$0.71
6869 6870 Common			
	DC074+FC0C0	0.000050	CO 04
6871 Executive Expense	D6871*E6868 D6872*E6868	0.008052 0.000682	\$0.01 \$0.00
6872 Planning Expense			
6873 External Relations Expense	D6873*E6868 D6874*E6868	0.009631 0.007338	\$0.01 \$0.01
6874 Legal Expense	D6874*E6868 D6875*E6868	0.007338	\$0.01
6875 Other Procurement Expense 6876 Research & Development Expense	D6875^E6868 D6876*E6868	0.002772	\$0.00
6877 Other General and Admin Expense	D6876*E6868	0.000042	\$0.00 \$0.01
6878 Common Costs	Sum(E6871:E6877)	0.019104	\$0.01
6879	Suii(E0071:E0077)		φυ.υ3
6880 TELRIC + Common Costs	E6868+E6878		\$0.74
1000 TELRIC + COMMINION COSTS	E0000+E0010		φυ./4

Qwest Advice No. 3376T Page 167 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A Study Year: 2001

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	В	С	D	E	F	G B * (C Thru F)	Н	I H * (G/60)
CLASS - CONTINUOUS REDIAL, PER NUIMBER								
<u>*ADD*</u>								
-RCMAC								
.66 & .34 probability is % by switch type .70 probability reflects 30% reduction to work time estimates ordered								
Translations - SW1	1	0.660	0.700			0.46	\$43.81	\$0.34
Translations - SW2	1	0.340	0.700			0.24	\$43.81	\$0.17
Subtotal - RCMAC						0.70		\$0.51
-NROC								
.005 probability is average number of lines (200 lines in a system)								
.66 & .34 probability is % by switch type								
.70 probability reflects 30% reduction to work time estimates ordered								
Administration - sw1	20	0.005	0.660	0.700		0.05	\$41.45	\$0.03
Maintenance - sw1	20	0.005	0.660	0.700		0.05	\$41.45	\$0.03
Administration - sw2	35	0.005	0.340	0.700		0.04	\$41.45	\$0.03
Maintenance - sw2	40	0.005	0.340	0.700		0.05	\$41.45	\$0.03
Subtotal - NROC						0.18		\$0.13
Total For Service:						0.88		\$0.64

Qwest Advice No. 3376T Page 168 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	
						B * (C Thru F)		H * (G/60)

CLASS - CONTINUOUS REDIAL, PER NUIMBER (con't)

G933 G2	6932 Direct Cost			\$0.64
6935 Calculation Factor Cost 6937 Directly Assigned B C D C 6938 Product Management Expense D6938*E6932 0.04939 S0.03 S0.03 S0.03 S0.03 S0.03 50.03 50.03 50.01 50.01 50.01 50.01 50.01 50.01 50.01 50.01 50.03 50.03 50.02 5	****			
B C D E				
B937 Directly Assigned D6938*E6932 0.040393 \$0.03				
6938 Product Management Expense D6938*E6932 0.040393 \$0.01 6940 Product Advertising Expense D6940*E6932 0.014960 \$0.01 6941 Business Fees (Other Operating Taxes) D6941*Esum(E6932:E6940) 0.042595 \$0.03 6943 Sum(E6932:E6941) ***********************************	6936	ВС	D	Е
6838 Sales Expense D6939*E6932 0.014960 \$0.01 6940 Product Advertising Expense D6940*E6932 0.000000 \$0.00 6941 Business Fees (Other Operating Taxes) \$0.03 \$0.03 \$0.03 6942 Directly Assigned Costs \$0.00 \$0.00 \$0.00 6943 \$0.00 \$0.00 \$0.00 6944 *0.01 Directly Attributed \$0.00 \$0.00 6947 Network Operations D6947*E6944 0.0510/21 \$0.04 6948 Sevental Support Assets D6948*E6944 0.014074 \$0.01 6949 General Support Assets D6949*E6944 0.04926 \$0.03 6950 General Purpose Computers D6950*E6944 0.04926 \$0.03 6951 Uncollectible D6951*E6944 0.01171 \$0.01 6952 Accounting & Finance Expense D6951*E6944 0.01171 \$0.01 6953 Human Resources Expense D6952*E6944 0.01071 \$0.01 6954 Information Management Expense D6952*E6944 0.00082 \$0.01 6955 Intanglibes D6954*E6944 0.00082	6937 Directly Assigned	<u>- </u>		
6940 Product Advertising Expense D6940*E6932 0.000000 \$0.00 6941 Business Fees (Other Operating Taxes) Sum(E6932*E6940) 0.042595 \$0.05 6943 Sum(E6932*E6941) \$0.00 \$0.00 6944 Total Direct Costs E6932*E6942 \$0.70 6945 Feed Summer S	6938 Product Management Expense	D6938*E6932	0.040393	\$0.03
6941 Business Fees (Other Operating Taxes) D6941*Sum(E6932:E6940) 0.042595 \$0.03 6942 Directly Assigned Costs Sum(E6932:E6941) \$0.06 6943 Business Fees (Other Operating Taxes) E6932+E6942 \$0.70 6945 Business Fees (Other Operating Taxes) E6932+E6942 \$0.70 6945 Person Company Best Person Company \$0.04 6946 Directly Attributed D6947*E6944 0.057904 \$0.04 6948 Network Support Assets D6948*E6944 0.014074 \$0.01 6949 General Support Assets D6949*E6944 0.057904 \$0.04 6950 General Purpose Computers D6950*E6944 0.00136 \$0.03 6951 Uncollectible D6951*E6944 0.00136 \$0.00 6952 Accounting & Finance Expense D6951*E6944 0.010471 \$0.01 6953 Human Resources Expense D6952*E6944 0.010471 \$0.01 6954 Information Management Expense D6953*E6944 0.08149 \$0.05 6955 Intargibles D6955*E6944 0.00634 \$0.00 6956 Directly Attributed Costs Sum(E6947:E6956) \$0.8	6939 Sales Expense	D6939*E6932	0.014960	\$0.01
6942 Directly Assigned Costs Sum(E6932:E6941) \$0.06	6940 Product Advertising Expense	D6940*E6932	0.000000	\$0.00
G944 Total Direct Costs E6932+E6942 \$0.70 G945 G946 Directly Attributed G947 Network Operations D6947*E6944 0.056129 \$0.04 G948 Network Support Assets D6948*E6944 0.014074 \$0.01 G949 General Support Assets D6949*E6944 0.057904 \$0.04 G950 General Purpose Computers D6950*E6944 0.007904 \$0.00 G951 Uncollectible D6951*E6944 0.001136 \$0.00 G952 Accounting & Finance Expense D6952*E6944 0.010147 \$0.01 G953 Human Resources Expense D6952*E6944 0.010471 \$0.01 G954 Information Management Expense D6954*E6944 0.068149 \$0.05 G955 Intangibles D6954*E6944 0.068149 \$0.05 G955 Intangibles D6955*E6944 0.002634 \$0.00 G956 Directly Attributed Costs Sum(E6947*E6955) \$0.18 G957 G958 TELRIC E6947*E6955 \$0.88 G959 G960 Common G961 Executive Expense D6961*E6958 0.000682 \$0.01 G962 Planning Expense D6962*E6958 0.000682 \$0.00 G963 Executive Expense D6964*E6958 0.007338 \$0.01 G964 Legal Expense D6964*E6958 0.007338 \$0.01 G965 Common G966 Common C9665*E6958 0.007338 \$0.01 G966 C9666*E6958 0.000042 \$0.00 G967 C1ter General and Admin Expense D6966*E6958 0.000042 \$0.00 G967 C1ter General and Admin Expense D6967*E6958 0.000042 \$0.00 G967 C1ter General and Admin Expense D6967*E6958 0.000042 \$0.00 G968 Common Costs C0mmon C	6941 Business Fees (Other Operating Taxes)	D6941*Sum(E6932:E6940)	0.042595	\$0.03
6944 Total Direct Costs	6942 Directly Assigned Costs	Sum(E6932:E6941)		\$0.06
6945 6946 Directly Attributed 6947 Network Operations 6948 Network Support Assets 6948 Operations 6948 Network Support Assets 6950 General Suppose Computers 6950 General Purpose Computers 6951 Uncollectible 6952 Accounting & Finance Expense 6953 Flesh44 6954 Information Management Expense 6954 Information Management Expense 6955 Intangibles 6956 Directly Attributed Costs 6957 6958 TELRIC 6958 TELRIC 6959 Centrol 6950 Common 6961 Executive Expense 6962 Planning Expense 6963 Planning Expense 6964 Legal Expense 6965 Stentand Relations Expense 6966 Common 6966 Research & D6962*E6958 6967 Other General and Admin Expense 6968 Common Costs 6967 Other General and Admin Expense 6968 Common Costs 6968 Common Costs 6968 Common Costs 6969 Common Costs 6969 Common Costs 6969 Common Costs 6960 Common Costs 6961 Common Expense 6962 Planning Expense 6963 Directly Attributed Expense 6964 Legal Expense 6965 Other Procurement Expense 6966 Other Procurement Expense 6967 Other General and Admin Expense 6968 Common Costs 6968 Common Costs	6943	· · · · · · · · · · · · · · · · · · ·		
6946 Directly Attributed 6947 Network Operations 6948 Network Operations 6948 Network Operations 6948 Network Support Assets 6948 Network Support Assets 6949 General Support Assets 6949 General Support Assets 6949 General Purpose Computers 6950 General Purpose Computers 6951 General Purpose Computers 6952 General Purpose Computers 6954 General Purpose 6954 General Purpose 6963 General Purpose 6966 General Pur	6944 Total Direct Costs	E6932+E6942		\$0.70
6947 Network Operations D6947*E6944 0.056129 \$0.04 6948 Network Support Assets D6948*E6944 0.014074 \$0.01 6949 General Support Assets D6948*E6944 0.057904 \$0.04 6950 General Purpose Computers D6950*E6944 0.040926 \$0.03 6951 Uncollectible D6951*E6944 0.001136 \$0.00 6952 Accounting & Finance Expense D6953*E6944 0.001136 \$0.00 6953 Human Resources Expense D6953*E6944 0.00808 \$0.01 6954 Information Management Expense D6954*E6944 0.088149 \$0.05 6955 Intangibles D6954*E6944 0.00634 \$0.00 6956 Directly Attributed Costs Sum(E6947:E6955) \$0.18 6957 E6947*E6956 \$0.88 6959 E6947*E6956 \$0.88 6959 E6947*E6956 \$0.88 6959 E6947*E6958 0.00852 \$0.01 6956 Espense D6962*E6958 0.000682 \$0.00 6961 Executive Expense D6964*E6958 0.	6945			
6948 Network Support Assets D6948*E6944 0.014074 \$0.01 6949 General Support Assets D6949*E6944 0.057904 \$0.04 6950 General Purpose Computers D6950*E6944 0.040926 \$0.03 6951 Uncollectible D6951*E6944 0.001136 \$0.00 6952 Accounting & Finance Expense D6952*E6944 0.010471 \$0.01 6953 Human Resources Expense D6953*E6944 0.008149 \$0.05 6954 Information Management Expense D6954*E6944 0.068149 \$0.05 6955 Intangibles D6955*E6944 0.002634 \$0.00 6956 Directly Attributed Costs Sum(E6947:E6955) \$0.18 6957 Sum(E6947:E6955) \$0.88 6959 Common \$0.88 6950 Common \$0.08 6961 Executive Expense D6961*E6958 0.00052 \$0.01 6962 Planning Expense D6962*E6958 0.000682 \$0.00 6963 External Relations Expense D6964*E6958 0.00931 \$0.01 6964 Legal Expense D6964*E6958 0.0007338	6946 Directly Attributed			
6949 General Support Assets D6949*E6944 0.057904 \$0.04 6950 General Purpose Computers D6950*E6944 0.040926 \$0.03 6951 Uncollectible D6951*E6944 0.001136 \$0.00 6952 Accounting & Finance Expense D6952*E6944 0.010471 \$0.01 6953 Human Resources Expense D6953*E6944 0.009808 \$0.01 6954 Information Management Expense D6954*E6944 0.068149 \$0.05 6955 Intangibles D6955*E6944 0.002634 \$0.00 6956 Directly Attributed Costs Sum(E6947:E6955) \$0.18 6957 Sum(E6947:E6956) \$0.88 6959 E6950 \$0.88 6959 E6947+E6956 \$0.88 6959 Eccutive Expense \$0.00 6961 Executive Expense D6961*E6958 0.000632 \$0.01 6962 Planning Expense D6962*E6958 0.000682 \$0.00 6963 External Relations Expense D6963*E6958 0.007338 \$0.01 6964 Legal Expense D6965*E6958 0.002772 \$0.00	6947 Network Operations	D6947*E6944	0.056129	\$0.04
6950 General Purpose Computers D6950*E6944 0.040926 \$0.03 6951 Uncollectible D6951*E6944 0.001136 \$0.00 6952 Accounting & Finance Expense D6952*E6944 0.010471 \$0.01 6953 Human Resources Expense D6953*E6944 0.009808 \$0.01 6954 Information Management Expense D6954*E6944 0.068149 \$0.05 6955 Intangibles D6955*E6944 0.002634 \$0.00 6956 Directly Attributed Costs Sum(E6947:E6955) \$0.18 6957 Sum(E6947:E6955) \$0.18 6959 Common C6951 \$0.00 6961 Executive Expense D6961*E6958 0.008052 \$0.01 6962 Planning Expense D6962*E6958 0.000682 \$0.00 6963 External Relations Expense D6963*E6958 0.000631 \$0.01 6965 Other Procurement Expense D6965*E6958 0.007338 \$0.01 6966 Research & Development Expense D6965*E6958 0.0007272 \$0.00 6967 Other General and Admin Expense D6966*E6958 0.019104 \$0.02 <	6948 Network Support Assets	D6948*E6944	0.014074	\$0.01
6951 Uncollectible D6951*E6944 0.001136 \$0.00 6952 Accounting & Finance Expense D6952*E6944 0.010471 \$0.01 6953 Human Resources Expense D6953*E6944 0.009808 \$0.01 6954 Information Management Expense D6954*E6944 0.068149 \$0.05 6955 Intangibles D6955*E6944 0.002634 \$0.00 6956 Directly Attributed Costs Sum(E6947:E6955) \$0.18 6957 E6957 \$0.88 6959 FUNCTION OF COMMON \$0.00000000000000000000000000000000000	6949 General Support Assets	D6949*E6944	0.057904	\$0.04
6952 Accounting & Finance Expense D6952*E6944 0.010471 \$0.01 6953 Human Resources Expense D6953*E6944 0.009808 \$0.01 6954 Information Management Expense D6954*E6944 0.068149 \$0.05 6955 Intangibles D6955*E6944 0.002634 \$0.00 6956 Directly Attributed Costs Sum(E6947:E6955) \$0.18 6957 E6947+E6956 \$0.88 6959 Common E6947+E6956 \$0.88 6961 Executive Expense D6961*E6958 0.008052 \$0.01 6962 Planning Expense D6962*E6958 0.000682 \$0.00 6963 External Relations Expense D6963*E6958 0.009631 \$0.01 6965 Other Procurement Expense D6964*E6958 0.007338 \$0.01 6965 Other Procurement Expense D6966*E6958 0.000733 \$0.00 6967 Other General and Admin Expense D6966*E6958 0.000042 \$0.00 6968 Expense Common Costs Sum(E6961:E6967) \$0.04	6950 General Purpose Computers	D6950*E6944	0.040926	\$0.03
Human Resources Expense D6953*E6944 0.009808 \$0.01	6951 Uncollectible	D6951*E6944	0.001136	\$0.00
6954 Information Management Expense D6954*E6944 0.068149 \$0.05 6955 Intangibles D6955*E6944 0.002634 \$0.00 6956 Directly Attributed Costs Sum(E6947:E6955) \$0.18 6957 E6958 ************************************	6952 Accounting & Finance Expense	D6952*E6944	0.010471	\$0.01
Description	6953 Human Resources Expense	D6953*E6944	0.009808	\$0.01
Description	6954 Information Management Expense	D6954*E6944	0.068149	\$0.05
Sum E6947 E6955 Sum E6947 E6955 Sum E6947 E6955 Sum E6957		D6955*E6944	0.002634	
6957 6958 TELRIC E6947+E6956 \$0.88 6959 6960 Common 0.008052 \$0.01 6961 Executive Expense D6961*E6958 0.008052 \$0.01 6962 Planning Expense D6962*E6958 0.000682 \$0.00 6963 External Relations Expense D6963*E6958 0.009631 \$0.01 6964 Legal Expense D6964*E6958 0.007338 \$0.01 6965 Other Procurement Expense D6965*E6958 0.002772 \$0.00 6966 Research & Development Expense D6966*E6958 0.000042 \$0.00 6967 Other General and Admin Expense D6967*E6958 0.019104 \$0.02 6968 Common Costs Sum(E6961:E6967) \$0.04				
6959 6960 Common 6961 Executive Expense D6961*E6958 0.008052 \$0.01 6962 Planning Expense D6962*E6958 0.000682 \$0.00 6963 External Relations Expense D6963*E6958 0.009631 \$0.01 6964 Legal Expense D6964*E6958 0.007338 \$0.01 6965 Other Procurement Expense D6965*E6958 0.002772 \$0.00 6966 Research & Development Expense D6966*E6958 0.00042 \$0.00 6967 Other General and Admin Expense D6966*E6958 0.019104 \$0.02 6968 Common Costs Sum(E6961:E6967) \$0.04		(Ţc
6960 Common Common 6961 Executive Expense D6961*E6958 0.008052 \$0.01 6962 Planning Expense D6962*E6958 0.000682 \$0.00 6963 External Relations Expense D6963*E6958 0.009631 \$0.01 6964 Legal Expense D6964*E6958 0.007338 \$0.01 6965 Other Procurement Expense D6965*E6958 0.002772 \$0.00 6967 Other General and Admin Expense D6966*E6958 0.000042 \$0.00 6968 Common Costs Sum(E6961:E6967) \$0.04	6958 TELRIC	E6947+E6956		\$0.88
6961 Executive Expense D6961*E6958 0.008052 \$0.01 6962 Planning Expense D6962*E6958 0.000682 \$0.00 6963 External Relations Expense D6963*E6958 0.009631 \$0.01 6964 Legal Expense D6964*E6958 0.007338 \$0.01 6965 Other Procurement Expense D6965*E6958 0.002772 \$0.00 6967 Other General and Admin Expense D6966*E6958 0.000042 \$0.00 6968 Common Costs Sum(E6961:E6967) \$0.04	6959			
6962 Planning Expense D6962*E6958 0.000682 \$0.00 6963 External Relations Expense D6963*E6958 0.009631 \$0.01 6964 Legal Expense D6964*E6958 0.007338 \$0.01 6965 Other Procurement Expense D6965*E6958 0.002772 \$0.00 6966 Research & Development Expense D6966*E6958 0.000042 \$0.00 6967 Other General and Admin Expense D6967*E6958 0.019104 \$0.02 6968 Common Costs Sum(E6961:E6967) \$0.04	6960 Common			
6963 External Relations Expense D6963*E6958 0.009631 \$0.01 6964 Legal Expense D6964*E6958 0.007338 \$0.01 6965 Other Procurement Expense D6965*E6958 0.002772 \$0.00 6967 Other General and Admin Expense D6966*E6958 0.000042 \$0.00 6968 Common Costs Sum(E6961:E6967) \$0.04 6969 Sum(E6961:E6967) \$0.04	6961 Executive Expense	D6961*E6958	0.008052	\$0.01
6964 Legal Expense D6964*E6958 0.007338 \$0.01 6965 Other Procurement Expense D6965*E6958 0.002772 \$0.00 6966 Research & Development Expense D6966*E6958 0.000042 \$0.00 6967 Other General and Admin Expense D6967*E6958 0.019104 \$0.02 6968 Common Costs Sum(E6961:E6967) \$0.04 6969 Sum(E6961:E6967) \$0.04	6962 Planning Expense	D6962*E6958	0.000682	\$0.00
6965 Other Procurement Expense D6965*E6958 0.002772 \$0.00 6966 Research & Development Expense D6966*E6958 0.000042 \$0.00 6967 Other General and Admin Expense D6967*E6958 0.019104 \$0.02 6968 Common Costs Sum(E6961:E6967) \$0.04 6969 Sum(E6961:E6967) \$0.04	6963 External Relations Expense	D6963*E6958	0.009631	\$0.01
6965 Other Procurement Expense D6965*E6958 0.002772 \$0.00 6966 Research & Development Expense D6966*E6958 0.000042 \$0.00 6967 Other General and Admin Expense D6967*E6958 0.019104 \$0.02 6968 Common Costs Sum(E6961:E6967) \$0.04 6969 Sum(E6961:E6967) \$0.04		D6964*E6958	0.007338	\$0.01
6966 Research & Development Expense D6966*E6958 0.000042 \$0.00 6967 Other General and Admin Expense D6967*E6958 0.019104 \$0.02 6968 Common Costs Sum(E6961:E6967) \$0.04 6969		D6965*E6958	0.002772	\$0.00
6967 Other General and Admin Expense D6967*E6958 0.019104 \$0.02 6968 Common Costs Sum(E6961:E6967) \$0.04 6969		D6966*E6958	0.000042	\$0.00
6968 Common Costs Sum(E6961:E6967) \$0.04 6969		D6967*E6958	0.019104	\$0.02
6969	6968 Common Costs	Sum(E6961:E6967)		\$0.04
6970 TELRIC + Common Costs E6958+E6968 \$0.93		(,
	6970 TELRIC + Common Costs	E6958+E6968		\$0.93

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Study Name: PART D FINAL ORDER NRC STUDY 7246 A Study Year: 2001

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	В	С	D	Е	F	G B * (C Thru F)	Н	I H * (G/60)
CLASS - LAST CALL RETURN, PER NUMBER								
ADD								
-RCMAC								
.66 & .34 probability is % by switch type .70 probability reflects 30% reduction to work time estimates ordered								
Translations - SW1	1	0.660	0.700			0.46	\$43.81	\$0.34
Translations - SW2	1	0.340	0.700			0.24	\$43.81	\$0.17
Subtotal - RCMAC						0.70		\$0.51
-NROC								
.005 probability is average number of lines (200 lines in a system)								
.66 & .34 probability is % by switch type								
.70 probability reflects 30% reduction to work time estimates ordered								
Administration - sw1	20	0.005	0.660	0.700		0.05	\$41.45	\$0.03
Maintenance - sw1	20	0.005	0.660	0.700		0.05	\$41.45	\$0.03
Administration - sw2	35	0.005	0.340	0.700		0.04	\$41.45	\$0.03
Maintenance - sw2	45	0.005	0.340	0.700		0.05	\$41.45	\$0.04
Subtotal - NROC						0.19		\$0.13
Total For Service:						0.89		\$0.64

Qwest Advice No. 3376T Page 170 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	
						B * (C Thru F)		H * (G/60)

CLASS - LAST CALL RETURN, PER NUMBER (con't)

7023 7024	Cost		
7024	Cost		
		Cost	
7025	Calculation	Factor	Cost
7026	ВС	D	E
7027 Directly Assigned	<u>'</u>		
7028 Product Management Expense	D7028*E7022	0.040393	\$0.03
7029 Sales Expense	D7029*E7022	0.014960	\$0.01
7030 Product Advertising Expense	D7030*E7022	0.000000	\$0.00
7031 Business Fees (Other Operating Taxes)	D7031*Sum(E7022:E7030)	0.042595	\$0.03
7032 Directly Assigned Costs	Sum(E7022:E7031)		\$0.06
7033			
7034 Total Direct Costs	E7022+E7032		\$0.70
7035			
7036 Directly Attributed			
7037 Network Operations	D7037*E7034	0.056129	\$0.04
7038 Network Support Assets	D7038*E7034	0.014074	\$0.01
7039 General Support Assets	D7039*E7034	0.057904	\$0.04
7040 General Purpose Computers	D7040*E7034	0.040926	\$0.03
7041 Uncollectible	D7041*E7034	0.001136	\$0.00
7042 Accounting & Finance Expense	D7042*E7034	0.010471	\$0.01
7043 Human Resources Expense	D7043*E7034	0.009808	\$0.01
7044 Information Management Expense	D7044*E7034	0.068149	\$0.05
7045 Intangibles	D7045*E7034	0.002634	\$0.00
7046 Directly Attributed Costs	Sum(E7037:E7045)		\$0.18
7047			
7048 TELRIC	E7037+E7046		\$0.89
7049			
7050 Common			
7051 Executive Expense	D7051*E7048	0.008052	\$0.01
7052 Planning Expense	D7052*E7048	0.000682	\$0.00
7053 External Relations Expense	D7053*E7048	0.009631	\$0.01
7054 Legal Expense	D7054*E7048	0.007338	\$0.01
7055 Other Procurement Expense	D7055*E7048	0.002772	\$0.00
7056 Research & Development Expense	D7056*E7048	0.000042	\$0.00
7057 Other General and Admin Expense	D7057*E7048	0.019104	\$0.02
7058 Common Costs	Sum(E7051:E7057)		\$0.04
7059			
7060 TELRIC + Common Costs	E7048+E7058		\$0.93

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Study Name: PART D FINAL ORDER NRC STUDY 7246 A Study Year: 2001

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	В	C	D	Ē	F	G	Н	I
						B * (C Thru F)		H * (G/60)
CLASS - PRIORITY CALLING, PER NUMBER								
ADD								
-RCMAC								
.66 & .34 probability is % by switch type								
.70 probability reflects 30% reduction to work time estimates ordered Translations - SW1	1	0.660	0.700			0.46	\$43.81	\$0.34
Translations - SW2	1	0.340	0.700			0.40	\$43.81	\$0.32 \$0.17
Tanballono OTIZ	·	0.0.0	000			J	ψ.σ.σ.	Ψ0
Subtotal - RCMAC						0.70		\$0.51
-NROC								
.005 probability is average number of lines (200 lines in a system)								
.66 & .34 probability is % by switch type								
.70 probability reflects 30% reduction to work time estimates ordered								
Administration - sw1	20	0.005	0.660	0.700		0.05	\$41.45	\$0.03
Maintenance - sw1	20	0.005	0.660	0.700		0.05	\$41.45	\$0.03
Administration - sw2	20	0.005	0.340	0.700		0.02	\$41.45	\$0.02
Maintenance - sw2	20	0.005	0.340	0.700		0.02	\$41.45	\$0.02
Subtotal - NROC						0.14		\$0.10
Total For Service:						0.84		\$0.61

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Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	
						B * (C Thru F)		H * (G/60)

CLASS - PRIORITY CALLING, PER NUMBER (con't)

7112 Direct Cost			\$0.61
7113			
7114	Cost	Cost	0
7115	Calculation	Factor	Cost
7116	ВС	D	E
7117 Directly Assigned			•••
7118 Product Management Expense	D7118*E7112	0.040393	\$0.02
7119 Sales Expense	D7119*E7112	0.014960	\$0.01
7120 Product Advertising Expense	D7120*E7112	0.000000	\$0.00
7121 Business Fees (Other Operating Taxes)	D7121*Sum(E7112:E7120)	0.042595	\$0.03
7122 Directly Assigned Costs	Sum(E7112:E7121)		\$0.06
7123 7124 Total Direct Costs	E7112+E7122		\$0.67
7125	LITTETILE		ψ0.07
7126 Directly Attributed			
7127 Network Operations	D7127*E7124	0.056129	\$0.04
7128 Network Support Assets	D7128*E7124	0.014074	\$0.01
7129 General Support Assets	D7129*E7124	0.057904	\$0.04
7130 General Purpose Computers	D7130*E7124	0.040926	\$0.03
7131 Uncollectible	D7131*E7124	0.001136	\$0.00
7132 Accounting & Finance Expense	D7132*E7124	0.010471	\$0.01
7133 Human Resources Expense	D7133*E7124	0.009808	\$0.01
7134 Information Management Expense	D7134*E7124	0.068149	\$0.05
7135 Intangibles	D7135*E7124	0.002634	\$0.00
7136 Directly Attributed Costs	Sum(E7127:E7135)		\$0.17
7137	,		
7138 TELRIC	E7127+E7136		\$0.84
7139 7140 Common			
7140 Common 7141 Executive Expense	D7141*E7138	0.008052	\$0.01
7142 Planning Expense	D7142*E7138	0.000682	\$0.00
7143 External Relations Expense	D7143*E7138	0.009631	\$0.01
7144 Legal Expense	D7144*E7138	0.003331	\$0.01
7145 Other Procurement Expense	D7145*E7138	0.002772	\$0.00
7146 Research & Development Expense	D7146*E7138	0.000042	\$0.00
7147 Other General and Admin Expense	D7147*E7138	0.019104	\$0.02
7148 Common Costs	Sum(E7141:E7147)	0.0.0.04	\$0.04
7149			Ψ0.0
7150 TELRIC + Common Costs	E7138+E7148		\$0.88

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Study Name: PART D FINAL ORDER NRC STUDY 7246 A Study Year: 2001

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	В	C	D	E	F	G	Н	I
						B * (C Thru F)		H * (G/60)
CLASS - SELECTIVE CALL FORWARDING, PER NUMBER								
ADD								
-RCMAC								
.66 & .34 probability is % by switch type								
.70 probability reflects 30% reduction to work time estimates ordered Translations - SW1	1	0.660	0.700			0.46	\$43.81	\$0.34
Translations - SW2	1	0.340	0.700			0.40	\$43.81	\$0.34 \$0.17
Subtotal - RCMAC						0.70		\$0.51
						0.70		ψοιο :
-NROC								
.005 probability is average number of lines (200 lines in a system) .66 & .34 probability is % by switch type								
.70 probability reflects 30% reduction to work time estimates ordered								
Administration - sw1	20	0.005	0.660	0.700		0.05	\$41.45	\$0.03
Maintenance - sw1	20	0.005	0.660	0.700		0.05	\$41.45	\$0.03
Administration - sw2	35	0.005	0.340	0.700		0.04	\$41.45	\$0.03
Maintenance - sw2	40	0.005	0.340	0.700		0.05	\$41.45	\$0.03
Subtotal - NROC						0.18		\$0.13
Total For Service:						0.88		\$0.64

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Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	
						B * (C Thru F)		H * (G/60)

CLASS - SELECTIVE CALL FORWARDING, PER NUMBER (con't)

7202 Direct Cost			\$0.64
7203			
7204	Cost	Cost	
7205	Calculation	Factor	Cost
7206	ВС	D	E
7207 Directly Assigned			
7208 Product Management Expense	D7208*E7202	0.040393	\$0.03
7209 Sales Expense	D7209*E7202	0.014960	\$0.01
7210 Product Advertising Expense	D7210*E7202	0.000000	\$0.00
7211 Business Fees (Other Operating Taxes)	D7211*Sum(E7202:E7210)	0.042595	<u>\$0.03</u>
7212 Directly Assigned Costs	Sum(E7202:E7211)		\$0.06
7213	F7000 F7040		#0.70
7214 Total Direct Costs	E7202+E7212		\$0.70
7215 7216 Directly Attributed			
7217 Network Operations	D7217*E7214	0.056129	\$0.04
7217 Network Operations 7218 Network Support Assets	D7217 E7214 D7218*E7214	0.030129	\$0.04
7219 General Support Assets	D7219*E7214	0.057904	\$0.04
7220 General Purpose Computers	D7220*E7214	0.040926	\$0.03
7221 Uncollectible	D7221*E7214	0.001136	\$0.00
7222 Accounting & Finance Expense	D7222*E7214	0.010471	\$0.01
7223 Human Resources Expense	D7223*E7214	0.009808	\$0.01
7224 Information Management Expense	D7224*E7214	0.068149	\$0.05
7225 Intangibles	D7225*E7214	0.002634	\$0.00
7226 Directly Attributed Costs	Sum(E7217:E7225)		\$0.18
7227			•
7228 TELRIC	E7217+E7226		\$0.88
7229			
7230 Common			_
7231 Executive Expense	D7231*E7228	0.008052	\$0.01
7232 Planning Expense	D7232*E7228	0.000682	\$0.00
7233 External Relations Expense	D7233*E7228	0.009631	\$0.01
7234 Legal Expense	D7234*E7228	0.007338	\$0.01
7235 Other Procurement Expense	D7235*E7228	0.002772	\$0.00
7236 Research & Development Expense	D7236*E7228	0.000042	\$0.00
7237 Other General and Admin Expense	D7237*E7228	0.019104	\$0.02
7238 Common Costs	Sum(E7231:E7237)		\$0.04
7239	F7000 - F7000		60.00
7240 TELRIC + Common Costs	E7228+E7238		\$0.93

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Study Name: PART D FINAL ORDER NRC STUDY 7246 A Study Year: 2001

Analyst: Deffley/Eoriatti

Product Group: Interconnection

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	В	С	D	Е	F	G B * (C Thru F)	Н	I H * (G/60)
CLASS - SELECTIVE CALL REJECTION, PER NUMBER								
<u>*ADD*</u>								
-RCMAC								
.66 & .34 probability is % by switch type .70 probability reflects 30% reduction to work time estimates ordered								
Translations - SW1	1	0.660	0.700			0.46	\$43.81	\$0.34
Translations - SW2	1	0.340	0.700			0.24	\$43.81	\$0.17
Subtotal - RCMAC						0.70		\$0.51
-NROC								
.005 probability is average number of lines (200 lines in a system)								
.66 & .34 probability is % by switch type								
.70 probability reflects 30% reduction to work time estimates ordered								
Administration - sw1	20	0.005	0.660	0.700		0.05	\$41.45	\$0.03
Maintenance - sw1	20	0.005	0.660	0.700		0.05	\$41.45	\$0.03
Administration - sw2 Maintenance - sw2	20 20	0.005 0.005	0.340 0.340	0.700 0.700		0.02 0.02	\$41.45 \$41.45	\$0.02 \$0.02
Subtotal - NROC						0.14		\$0.10
						3.14		ψ3.10
Total For Service:						0.84		\$0.61

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Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	
						B * (C Thru F)		H * (G/60)

CLASS - SELECTIVE CALL REJECTION, PER NUMBER (con't)

7292 Direct Cost			\$0.61
7293			
7294	Cost	Cost	
7295	Calculation	Factor	Cost
7296	ВС	D	E
7297 Directly Assigned	<u> </u>		
7298 Product Management Expense	D7298*E7292	0.040393	\$0.02
7299 Sales Expense	D7299*E7292	0.014960	\$0.01
7300 Product Advertising Expense	D7300*E7292	0.000000	\$0.00
7301 Business Fees (Other Operating Taxes)	D7301*Sum(E7292:E7300)	0.042595	\$0.03
7302 Directly Assigned Costs	Sum(E7292:E7301)		\$0.06
7303	· · · · · · · · · · · · · · · · · · ·		
7304 Total Direct Costs	E7292+E7302		\$0.67
7305			-
7306 Directly Attributed			
7307 Network Operations	D7307*E7304	0.056129	\$0.04
7308 Network Support Assets	D7308*E7304	0.014074	\$0.01
7309 General Support Assets	D7309*E7304	0.057904	\$0.04
7310 General Purpose Computers	D7310*E7304	0.040926	\$0.03
7311 Uncollectible	D7311*E7304	0.001136	\$0.00
7312 Accounting & Finance Expense	D7312*E7304	0.010471	\$0.01
7313 Human Resources Expense	D7313*E7304	0.009808	\$0.01
7314 Information Management Expense	D7314*E7304	0.068149	\$0.05
7315 Intangibles	D7315*E7304	0.002634	\$0.00
7316 Directly Attributed Costs	Sum(E7307:E7315)		\$0.17
7317			
7318 TELRIC	E7307+E7316		\$0.84
7319			
7320 Common			
7321 Executive Expense	D7321*E7318	0.008052	\$0.01
7322 Planning Expense	D7322*E7318	0.000682	\$0.00
7323 External Relations Expense	D7323*E7318	0.009631	\$0.01
7324 Legal Expense	D7324*E7318	0.007338	\$0.01
7325 Other Procurement Expense	D7325*E7318	0.002772	\$0.00
7326 Research & Development Expense	D7326*E7318	0.000042	\$0.00
7327 Other General and Admin Expense	D7327*E7318	0.019104	\$0.02
7328 Common Costs	Sum(E7321:E7327)		\$0.04
7329			
7330 TELRIC + Common Costs	E7318+E7328		\$0.88

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Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G B * (C Thru F)	Н	I H * (G/60)
CFBL INCOMING ONLY *ADD*						2 (0)		(5,55)
-NROC .66 & .34 probability is % by switch type .70 probability reflects 30% reduction to work time estimates ordered Administration - 5E Maintenance - 5E	30 30	0.660 0.660	0.700 0.700			13.86 13.86	\$41.45 \$41.45	\$9.57 \$9.57
Subtotal - NROC						27.72		\$19.15
Total For Service:						27.72		\$19.15

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Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
Ä	В	С	D	Е	F	G	Н	
						B * (C Thru F)		H * (G/60)

CFBL INCOMING ONLY (con't)

7838 Cost Cost Cost 7385 Calculation Factor Cost 7386 B C D E 7387 Product Management Expense D7388*E7382 0.040333 \$0.77 7389 Sales Expense D7399*E7382 0.014960 \$0.28 7390 Product Advertising Expense D7391*Sum(€7382:E7390) 0.042995 \$0.38 7382 ZDirectly Assigned Costs Sum(€7382:E7390) 0.042995 \$0.38 7392 Sum(€7382:E7390) 0.042995 \$0.38 7392 Sum(€7382:E7390) 0.042995 \$0.38 7392 Sum(€7382:E7390) 0.042995 \$0.38 7392 Sum(€7382:E7392) \$0.042995 \$0.38 7393 Microtify Assigned Costs E7382*E7392 \$0.042995 \$0.38 7393 General Purpoce Costs E7392*E7394 0.056129 \$1.18 \$0.38 \$0.38 \$0.38 \$0.38 \$0.38 \$0.38 \$0.38 \$0.38 \$0.38 \$0.38	7382 Direct Cost			\$19.15
Calculation Factor Cost Factor Cost Factor Cost Factor Cost Factor Cost Factor Factor Cost Factor	7383			
B C D				
737 Directly Assigned D7388*E7382 0.040393 \$0.77 7389 Sales Expense D7389*E7382 0.040393 \$0.77 7390 Product Advertising Expense D7399*E7382 0.040900 \$0.00 7391 Directly Assigned Costs D7391*Sum(E7382:E7390) 0.042595 \$0.86 7392 Directly Assigned Costs Sum(E7382:E7391) \$1.92 7393 Total Direct Costs E7382*E7392 \$21.07 7395 E7382*E7392 \$21.07 7395 Drays*E7394 0.056129 \$1.18 7397 Network Operations D7397*E7394 0.056129 \$1.18 7398 Prays* Apport Assets D7399*E7394 0.057904 \$1.22 7400 General Purpose Computers D7400*E7394 0.057904 \$1.22 7401 Uncollecible D7400*E7394 0.014074 \$0.02 7402 Accounting & Finance Expense D7409*E7394 0.014071 \$0.22 7403 Human Resources Expense D7409*E7394 0.068149 \$1.42 7404 Information Management Expense D740*E7394 0.068149 \$1.42				
7388 Product Management Expense D7388*E7382 0.040333 \$0.7738 \$0.7238 \$1.27382 0.040333 \$0.727 \$0.29 \$0.29 \$0.29 \$0.29 \$0.29 \$0.29 \$0.29 \$0.29 \$0.29 \$0.29 \$0.29 \$0.000 \$0.00 <t< td=""><td></td><td>ВС</td><td>D</td><td>E</td></t<>		ВС	D	E
7398 Sales Expense D7389*E7382 0.014960 \$0.29 7390 Product Advertising Expense D7390*E7382 0.00000 \$0.00 7391 Business Fees (Other Operating Taxes) D7391*Sum(E7382:E7391) 0.042595 \$0.86 7392 Directly Assigned Costs Sum(E7382:E7391) \$1.92 7393 Total Direct Costs E7382-E7392 \$21.07 7395 E7382-E7392 \$21.07 7396 Directly Attributed Transparent B7397*E7394 0.056129 \$1.18 7397 Network Operations D7397*E7394 0.056129 \$1.8 7398 Operated Support Assets D7398*E7394 0.014074 \$0.30 7399 General Support Assets D7398*E7394 0.014074 \$0.30 7400 Uncollectible D7401*E7394 0.04926 \$0.86 7401 Uncollectible D7401*E7394 0.010471 \$0.22 7403 Human Resources Expense D7402*E7394 0.010471 \$0.22 7404 Information Management Expense D7404*E7394 0.006819 \$1.44 7405 Intangibles D7405*E7394 0.006819	, ,			
7390 Product Advertising Expense D7391*Exam(E7382: E7390) 0.00000 \$0.00 7391 Business Fees (Other Operating Taxes) Sum(E7382: E7391) \$1.92 7392 Directly Assigned Costs Sum(E7382: E7391) \$1.92 7395 Trotal Direct Costs E7382* E7392 \$21.07 7395 Proving Assigned Costs D739* E7394 0.056129 \$1.18 7398 Directly Attributed D739* E7394 0.056129 \$1.18 7398 Network Support Assets D739* E7394 0.057904 \$1.22 7400 General Purpose Computers D7400* E7394 0.057904 \$1.22 7401 Uncollectible D7401* E7394 0.040926 \$0.86 7402 Accounting & Finance Expense D7402* E7394 0.001136 \$0.02 7403 Human Resources Expense D7402* E7394 0.001471 \$0.22 7404 Information Management Expense D7404* E7394 0.068149 \$1.44 7405 Intermation Management Expense D7404* E7394 0.068149 \$1.44 7406 Intermation Management Expense D7404* E7394 0.0068149 \$1.44 7406 Tell Common				
1981 Business Fees (Other Operating Taxes) D7391*Sum(E7382:E7391) 0.042595 0.0				
Table Tabl				
7393 7394 7414 7395 7400		, ,	0.042595	
7394 Total Direct Costs	, ,	Sum(E7382:E7391)		\$1.92
7395 Directly Attributed 7397 Network Operations 7398 Network Support Assets 7398 Network Support Assets 7398 Network Support Assets 7399 General Support Assets 7400 General Purpose Computers 7400 General Purpose Computers 7400 General Purpose Computers 7401 Uncollectible 7402 Accounting & Finance Expense 7402 Accounting & Finance Expense 7403 Human Resources Expense 7404 Information Management Expense 7405 Intangibles 7406 Intangibles 7407 Directly Attributed Costs 7408 TELRIC 7408 TELRIC 7409 Tellaning Expense 7409 Transpart Support Assets 7409 Transpart Support Sup				
7396		E7382+E7392		\$21.07
7397 Network Operations D7397*E7394 0.056129 \$1.18 7398 Network Support Assets D7398*E7394 0.014074 \$0.30 7399 General Support Assets D7399*E7394 0.057904 \$1.22 7400 General Purpose Computers D7400*E7394 0.040926 \$0.86 7401 Uncollectible D7401*E7394 0.001136 \$0.02 7402 Accounting & Finance Expense D7402*E7394 0.010471 \$0.22 7403 Human Resources Expense D7403*E7394 0.009808 \$0.21 7404 Information Management Expense D7404*E7394 0.068149 \$1.44 7405 Intangibles D7405*E7394 0.002634 \$6.50 7407 E7397*E7405) \$5.50 7407 E7397*E7406 \$26.58 7408 E7397*E7406 \$26.58 7409 E7397*E7406 \$26.58 7400 E7397*E7406 \$26.58 7407 E7397*E7406 \$26.58 7408 E7397*E7406 \$26.58 7409 E7397*E7406 \$26.58 <th< td=""><td></td><td></td><td></td><td></td></th<>				
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7403 Human Resources Expense D7403*E7394 0.009808 \$0.21 7404 Information Management Expense D7404*E7394 0.068149 \$1.44 7405 Intangibles D7405*E7394 0.002634 \$0.06 7406 Directly Attributed Costs Sum(E7397:E7405) \$5.50 7407 TOTALITY TEACHORS \$26.58 7409 TATUS TELRIC E7397+E7406 \$26.58 7409 TATUS TELRIC TATUS TELRIC \$26.58 7410 Common TATUS TELRIC TATUS TELRIC \$26.58 7412 Executive Expense D7411*E7408 0.008052 \$0.21 7412 Planning Expense D7412*E7408 0.009631 \$0.26 7413 External Relations Expense D7413*E7408 0.009631 \$0.26 7414 Legal Expense D7414*E7408 0.007338 \$0.20 7415 Other Procurement Expense D7416*E7408 0.000042 \$0.00 7418 Common Costs D7417*E7408 0.019104 \$0.51 7419 Common Costs Sum(E7411:E7417) \$1.27				
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7406 Directly Attributed Costs \$5.50 7407 \$5.50 7408 TELRIC \$26.58 7409 \$26.58 7410 Common \$26.58 7411 Executive Expense D7411*E7408 0.008052 \$0.21 7412 Planning Expense D7412*E7408 0.000682 \$0.02 7413 External Relations Expense D7413*E7408 0.009631 \$0.20 7414 Legal Expense D7414*E7408 0.007338 \$0.20 7415 Other Procurement Expense D7415*E7408 0.002772 \$0.07 7416 Research & Development Expense D7416*E7408 0.000042 \$0.00 7417 Other General and Admin Expense D7417*E7408 0.019104 \$0.51 7418 Common Costs Sum(E7411:E7417) \$1.27 7419 Sum(E7411:E7417) \$1.27				
7407 7408 TELRIC E7397+E7406 \$26.58 7409 7410 Common 7411 Executive Expense D7411*E7408 0.008052 \$0.21 7412 Planning Expense D7412*E7408 0.000682 \$0.02 7413 External Relations Expense D7413*E7408 0.009631 \$0.26 7414 Legal Expense D7414*E7408 0.007338 \$0.20 7415 Other Procurement Expense D7415*E7408 0.002772 \$0.07 7416 Research & Development Expense D7416*E7408 0.000042 \$0.00 7417 Other General and Admin Expense D7417*E7408 0.019104 \$0.51 7418 Common Costs Sum(E7411:E7417) \$1.27			0.002634	
7408 TELRIC E7397+E7406 \$26.58 7409 7410 Common T411 Executive Expense D7411*E7408 0.008052 \$0.21 7411 Executive Expense D7412*E7408 0.000682 \$0.02 7413 External Relations Expense D7413*E7408 0.009631 \$0.26 7414 Legal Expense D7414*E7408 0.007338 \$0.20 7415 Other Procurement Expense D7415*E7408 0.002772 \$0.07 7416 Research & Development Expense D7416*E7408 0.000042 \$0.00 7418 Common Costs Sum(E7411:E7417) \$1.27 7419 Sum(E7411:E7417) \$1.27		Sum(E7397:E7405)		\$5.50
7409 7410 Common 7411 Executive Expense D7411*E7408 0.008052 \$0.21 7412 Planning Expense D7412*E7408 0.000682 \$0.02 7413 External Relations Expense D7413*E7408 0.009631 \$0.26 7414 Legal Expense D7414*E7408 0.007338 \$0.20 7415 Other Procurement Expense D7415*E7408 0.002772 \$0.07 7416 Research & Development Expense D7416*E7408 0.000042 \$0.00 7417 Common Costs Sum(E7411:E7417) \$1.27 7419		E7397+E7406		\$26.58
7411 Executive Expense D7411*E7408 0.008052 \$0.21 7412 Planning Expense D7412*E7408 0.000682 \$0.02 7413 External Relations Expense D7413*E7408 0.009631 \$0.26 7414 Legal Expense D7414*E7408 0.007338 \$0.20 7415 Other Procurement Expense D7415*E7408 0.002772 \$0.07 7416 Research & Development Expense D7416*E7408 0.000042 \$0.00 7417 Other General and Admin Expense D7417*E7408 0.019104 \$0.51 7418 Common Costs Sum(E7411:E7417) \$1.27 7419 Sum(E7411:E7417) \$1.27	7409			
7412 Planning Expense D7412*E7408 0.000682 \$0.02 7413 External Relations Expense D7413*E7408 0.009631 \$0.26 7414 Legal Expense D7414*E7408 0.007338 \$0.20 7415 Other Procurement Expense D7415*E7408 0.002772 \$0.07 7416 Research & Development Expense D7416*E7408 0.000042 \$0.00 7417 Other General and Admin Expense D7417*E7408 0.019104 \$0.51 7418 Common Costs Sum(E7411:E7417) \$1.27 7419	7410 Common			
7413 External Relations Expense D7413*E7408 0.009631 \$0.26 7414 Legal Expense D7414*E7408 0.007338 \$0.20 7415 Other Procurement Expense D7415*E7408 0.002772 \$0.07 7416 Research & Development Expense D7416*E7408 0.000042 \$0.00 7417 Other General and Admin Expense D7417*E7408 0.019104 \$0.51 7418 Common Costs Sum(E7411:E7417) \$1.27 7419 \$1.27 \$1.27	7411 Executive Expense	D7411*E7408	0.008052	\$0.21
7414 Legal Expense D7414*E7408 0.007338 \$0.20 7415 Other Procurement Expense D7415*E7408 0.002772 \$0.07 7416 Research & Development Expense D7416*E7408 0.000042 \$0.00 7417 Other General and Admin Expense D7417*E7408 0.019104 \$0.51 7418 Common Costs Sum(E7411:E7417) \$1.27	7412 Planning Expense	D7412*E7408	0.000682	\$0.02
7415 Other Procurement Expense D7415*E7408 0.002772 \$0.07 7416 Research & Development Expense D7416*E7408 0.000042 \$0.00 7417 Other General and Admin Expense D7417*E7408 0.019104 \$0.51 7418 Common Costs Sum(E7411:E7417) \$1.27 7419 T419 <	7413 External Relations Expense	D7413*E7408	0.009631	\$0.26
7416 Research & Development Expense D7416*E7408 0.000042 \$0.00 7417 Other General and Admin Expense D7417*E7408 0.019104 \$0.51 7418 Common Costs Sum(E7411:E7417) \$1.27 7419 \$1.27	7414 Legal Expense	D7414*E7408	0.007338	\$0.20
7417 Other General and Admin Expense D7417*E7408 0.019104 \$0.51 7418 Common Costs Sum(E7411:E7417) \$1.27 7419	7415 Other Procurement Expense	D7415*E7408	0.002772	\$0.07
7418 Common Costs Sum(E7411:E7417) \$1.27 7419	7416 Research & Development Expense	D7416*E7408	0.000042	\$0.00
7419	7417 Other General and Admin Expense	D7417*E7408	0.019104	\$0.51
·	7418 Common Costs	Sum(E7411:E7417)		\$1.27
7420 TELRIC + Common Costs E7408+E7418 \$27.84	7419			
	7420 TELRIC + Common Costs	E7408+E7418	_	\$27.84

Qwest Advice No. 3376T Page 179 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

Work Item	nime Minutes	Prob #1	Prob #2	#3	Prob #4	Applied Time (Minutes)	/Hour	Cost
A	В	С	D	E	F	G B * (C Thru F)	Н	I H * (G/60)
CFDA INCOMING ONLY								
ADD								
-NROC .66 & .34 probability is % by switch type .70 probability reflects 30% reduction to work time estimates ordered Administration - 5E Maintenance - 5E	30 30	0.660 0.660	0.700 0.700			13.86 13.86		\$9.57 \$9.57
Subtotal - NROC						27.72		\$19.15
Total For Service:						27.72		\$19.15

Qwest Advice No. 3376T Page 180 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	[
						B * (C Thru F)		H * (G/60)

CFDA INCOMING ONLY (con't)

7472 Direct Cost			\$19.15
7473			
7474	Cost	Cost	
7475	Calculation	Factor	Cost
7476	ВС	D	E
7477 Directly Assigned			
7478 Product Management Expense	D7478*E7472	0.040393	\$0.77
7479 Sales Expense	D7479*E7472	0.014960	\$0.29
7480 Product Advertising Expense	D7480*E7472	0.000000	\$0.00
7481 Business Fees (Other Operating Taxes)	D7481*Sum(E7472:E7480)	0.042595	<u>\$0.86</u>
7482 Directly Assigned Costs	Sum(E7472:E7481)		\$1.92
7483			
7484 Total Direct Costs	E7472+E7482		\$21.07
7485			
7486 Directly Attributed			_
7487 Network Operations	D7487*E7484	0.056129	\$1.18
7488 Network Support Assets	D7488*E7484	0.014074	\$0.30
7489 General Support Assets	D7489*E7484	0.057904	\$1.22
7490 General Purpose Computers	D7490*E7484	0.040926	\$0.86
7491 Uncollectible	D7491*E7484	0.001136	\$0.02
7492 Accounting & Finance Expense	D7492*E7484	0.010471	\$0.22
7493 Human Resources Expense	D7493*E7484	0.009808	\$0.21
7494 Information Management Expense	D7494*E7484	0.068149	\$1.44
7495 Intangibles	D7495*E7484	0.002634	\$0.06
7496 Directly Attributed Costs	Sum(E7487:E7495)		\$5.50
7497			000 50
7498 TELRIC	E7487+E7496		\$26.58
7499			
7500 Common			
7501 Executive Expense	D7501*E7498	0.008052	\$0.21
7502 Planning Expense	D7502*E7498	0.000682	\$0.02
7503 External Relations Expense	D7503*E7498	0.009631	\$0.26
7504 Legal Expense	D7504*E7498	0.007338	\$0.20
7505 Other Procurement Expense	D7505*E7498	0.002772	\$0.07
7506 Research & Development Expense	D7506*E7498	0.000042	\$0.00
7507 Other General and Admin Expense	D7507*E7498	0.019104	\$0.51
7508 Common Costs	Sum(E7501:E7507)		\$1.27
7509			107 5 1
7510 TELRIC + Common Costs	E7498+E7508		\$27.84

Qwest Advice No. 3376T Page 181 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A Study Year: 2001

Analyst: Deffley/Eoriatti
Product Group: Interconnection

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G D * (C Thm. F)	Н	+ (C/60)
						B * (C Thru F)		H * (G/60)
CONFERENCE CALLING - MEET ME - PER SYSTEM								
ADD								
TO STATE OF THE ST								
-RCMAC								
.66 & .34 probability is % by switch type								
.70 probability reflects 30% reduction to work time estimates ordered	4	0.000	0.700			0.40	MAD 04	CO 24
Translations - SW1 Translations - SW2	1	0.660 0.340	0.700 0.700			0.46 0.24	\$43.81 \$43.81	\$0.34 \$0.17
Hansiations - GWZ	'	0.540	0.700			0.24	Ψ-0.01	Ψ0.17
Subtotal - RCMAC						0.70		\$0.51
NPOC								
-NROC .66 & .34 probability is % by switch type								
.70 probability reflects 30% reduction to work time estimates ordered								
Administration - sw1	25	0.660	0.700			11.55	\$41.45	\$7.98
Maintenance - sw1	20	0.660	0.700			9.24	\$41.45	\$6.38
Administration - sw2	20	0.340	0.700			4.76	\$41.45	\$3.29
Maintenance - sw2	20	0.340	0.700			4.76	\$41.45	\$3.29
Subtotal - NROC						30.31		\$20.94
Total For Service:						31.01		\$21.45

Qwest Advice No. 3376T Page 182 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	
						B * (C Thru F)		H * (G/60)

CONFERENCE CALLING - MEET ME - PER SYSTEM (con't)

7562 Direct Cost			\$21.45
7563			
7564	Cost	Cost	
7565	Calculation	Factor	Cost
7566	ВС	D	Е
7567 Directly Assigned			
7568 Product Management Expense	D7568*E7562	0.040393	\$0.87
7569 Sales Expense	D7569*E7562	0.014960	\$0.32
7570 Product Advertising Expense	D7570*E7562	0.000000	\$0.00
7571 Business Fees (Other Operating Taxes)	D7571*Sum(E7562:E7570)	0.042595	\$0.96
7572 Directly Assigned Costs	Sum(E7562:E7571)		\$2.1
7573	· · · · · · · · · · · · · · · · · · ·		
7574 Total Direct Costs	E7562+E7572		\$23.60
7575			
7576 Directly Attributed			
7577 Network Operations	D7577*E7574	0.056129	\$1.3
7578 Network Support Assets	D7578*E7574	0.014074	\$0.3
7579 General Support Assets	D7579*E7574	0.057904	\$1.3
7580 General Purpose Computers	D7580*E7574	0.040926	\$0.9
7581 Uncollectible	D7581*E7574	0.001136	\$0.0
7582 Accounting & Finance Expense	D7582*E7574	0.010471	\$0.2
7583 Human Resources Expense	D7583*E7574	0.009808	\$0.2
7584 Information Management Expense	D7584*E7574	0.068149	\$1.6
7585 Intangibles	D7585*E7574	0.002634	\$0.0
7586 Directly Attributed Costs	Sum(E7577:E7585)		\$6.1
7587 7588 TELRIC	E7577+E7586		
7589	E/3//+E/300		\$29.7
7590 Common			
7591 Executive Expense	D7591*E7588	0.008052	\$0.2
7592 Planning Expense	D7591 E7566 D7592*E7588	0.006032	\$0.2 \$0.0
7593 External Relations Expense	D7593*E7588	0.000682	\$0.0 \$0.2
7594 Legal Expense	D7593 E7588	0.009631	\$0.2 \$0.2
7595 Other Procurement Expense	D7595*E7588	0.007336	\$0.0
7596 Research & Development Expense	D7595*E7588	0.002772	\$0.0
7597 Other General and Admin Expense	D7596 E7588	0.019104	\$0.5
7597 Other General and Admin Expense 7598 Common Costs	Sum(E7591:E7597)	0.019104	\$1.4
7599 Common Costs	3um(E1391:E1391)		Φ1.4
7600 TELRIC + Common Costs	E7588+E7598		\$31.18
1000 TELITO I Common Costs	LI JOUTE I JOU		ψυ1.10

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Study Name: PART D FINAL ORDER NRC STUDY 7246 A Study Year: 2001

Analyst: Deffley/Eoriatti
Product Group: Interconnection

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	B	C	#2 D	#3 E	#4 F	G	H	UUSI
N .	5	Ü	D	_		B * (C Thru F)		H * (G/60)
						,		, ,
CONFERENCE CALLING - PRESET - PER SYSTEM								
ADD								
-RCMAC								
.66 & .34 probability is % by switch type								
.70 probability reflects 30% reduction to work time estimates ordered								
Translations - SW1	1	0.660	0.700			0.46	\$43.81	\$0.34
Translations - SW2	1	0.340	0.700			0.24	\$43.81	\$0.17
Subtotal - RCMAC						0.70		\$0.51
-NROC								
.66 & .34 probability is % by switch type								
.70 probability reflects 30% reduction to work time estimates ordered								
Administration - sw1	25	0.660	0.700			11.55	\$41.45	\$7.98
Maintenance - sw1	20	0.660	0.700			9.24	\$41.45	\$6.38
Administration - sw2	20	0.340	0.700			4.76	\$41.45	\$3.29
Maintenance - sw2	20	0.340	0.700			4.76	\$41.45	\$3.29
Subtotal - NROC						30.31		\$20.94
Total For Service:						31.01		\$21.45

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Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	
						B * (C Thru F)		H * (G/60)

CONFERENCE CALLING - PRESET - PER SYSTEM (con't)

7652 Direct Cost			\$21.45
7653			
7654	Cost	Cost	
7655	Calculation	Factor	Cost
7656	ВС	D	Е
7657 Directly Assigned			
7658 Product Management Expense	D7658*E7652	0.040393	\$0.87
7659 Sales Expense	D7659*E7652	0.014960	\$0.32
7660 Product Advertising Expense	D7660*E7652	0.000000	\$0.00
7661 Business Fees (Other Operating Taxes)	D7661*Sum(E7652:E7660)	0.042595	<u>\$0.96</u>
7662 Directly Assigned Costs	Sum(E7652:E7661)		\$2.15
7663			
7664 Total Direct Costs	E7652+E7662		\$23.60
7665			
7666 Directly Attributed			
7667 Network Operations	D7667*E7664	0.056129	\$1.32
7668 Network Support Assets	D7668*E7664	0.014074	\$0.33
7669 General Support Assets	D7669*E7664	0.057904	\$1.37
7670 General Purpose Computers	D7670*E7664	0.040926	\$0.97
7671 Uncollectible	D7671*E7664	0.001136	\$0.03
7672 Accounting & Finance Expense	D7672*E7664	0.010471	\$0.25
7673 Human Resources Expense	D7673*E7664	0.009808	\$0.23
7674 Information Management Expense	D7674*E7664	0.068149	\$1.61
7675 Intangibles	D7675*E7664	0.002634	\$0.06
7676 Directly Attributed Costs	Sum(E7667:E7675)		\$6.17
7677			
7678 TELRIC	E7667+E7676		\$29.77
7679			
7680 Common			_
7681 Executive Expense	D7681*E7678	0.008052	\$0.24
7682 Planning Expense	D7682*E7678	0.000682	\$0.02
7683 External Relations Expense	D7683*E7678	0.009631	\$0.29
7684 Legal Expense	D7684*E7678	0.007338	\$0.22
7685 Other Procurement Expense	D7685*E7678	0.002772	\$0.08
7686 Research & Development Expense	D7686*E7678	0.000042	\$0.00
7687 Other General and Admin Expense	D7687*E7678	0.019104	\$0.57
7688 Common Costs	Sum(E7681:E7687)		\$1.42
7689			
7690 TELRIC + Common Costs	E7678+E7688		\$31.18

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> \$0.17 \$0.17

> \$0.17

0.24

0.24

Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

Subtotal - RCMAC

Total For Service:

	rime	PIOD	PIOD	PIOD	PIOD	Аррнеа типе	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G	Н	
						B * (C Thru F)		H * (G/60)
DIR STA SEL/BUSY LAMP FLD, per arrangement								
ADD								
ADD								
-RCMAC								
.66 & .34 probability is % by switch type								
.70 probability reflects 30% reduction to work time estimates ordered								
Translations - SW2	1	0.34	0.700	1		0.24	\$43.81	\$0.17
Translations - SW2	1	0.34	10 0.700	1		0.24	\$43.81	\$0.17

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Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G	Н	
						B * (C Thru F)		H * (G/60)

DIR STA SEL/BUSY LAMP FLD, per arrangement (con't)

7744	Cost	Cost	
7745	Calculation	Factor	Cost
7746	ВС	D	Е
7747 Directly Assigned			
7748 Product Management Expense	D7748*E7742	0.040393	\$0.0
7749 Sales Expense	D7749*E7742	0.014960	\$0.0
7750 Product Advertising Expense	D7750*E7742	0.000000	\$0.0
7751 Business Fees (Other Operating Taxes)	D7751*Sum(E7742:E7750)	0.042595	<u>\$0.</u>
7752 Directly Assigned Costs	Sum(E7742:E7751)		\$0.
7753			
7754 Total Direct Costs	E7742+E7752		\$0.
7755			
7756 Directly Attributed			
7757 Network Operations	D7757*E7754	0.056129	\$0.
7758 Network Support Assets	D7758*E7754	0.014074	\$0.
7759 General Support Assets	D7759*E7754	0.057904	\$0.
7760 General Purpose Computers	D7760*E7754	0.040926	\$0.
7761 Uncollectible	D7761*E7754	0.001136	\$0.
7762 Accounting & Finance Expense	D7762*E7754	0.010471	\$0.
7763 Human Resources Expense	D7763*E7754	0.009808	\$0.
7764 Information Management Expense	D7764*E7754	0.068149	\$0.
7765 Intangibles	D7765*E7754	0.002634	\$0.
7766 Directly Attributed Costs	Sum(E7757:E7765)		\$0.
7768 TELRIC	E7757+E7766		\$0.
7769			
7770 Common			
7771 Executive Expense	D7771*E7768	0.008052	\$0.
7772 Planning Expense	D7772*E7768	0.000682	\$0.
7773 External Relations Expense	D7773*E7768	0.009631	\$0.
7774 Legal Expense	D7774*E7768	0.007338	\$0
7775 Other Procurement Expense	D7775*E7768	0.002772	\$0
7776 Research & Development Expense	D7776*E7768	0.000042	\$0
7777 Other General and Admin Expense	D7777*E7768	0.019104	\$0
7778 Common Costs	Sum(E7771:E7777)		\$0

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Study Name: PART D FINAL ORDER NRC STUDY 7246 A Study Year: 2001

Analyst: Deffley/Eoriatti
Product Group: Interconnection

Work Item	Time Minutes	Prob #1	Prob	Prob #3	Prob #4	Applied Time	Labor /Hour	Cont
Λ.	B	C	#2 D	#3 E	## C	(Minutes) G	H	Cost
A	Б	C	D	_	Г	B * (C Thru F)	П	H * (G/60)
						В (О ППОТ)		11 (6/66)
DIRECTED CALL PICK UP BARGE-IN								
<u>*ADD*</u>								
-RCMAC								
.66 & .34 probability is % by switch type								
.70 probability reflects 30% reduction to work time estimates ordered								
Translations - 5E	1	0.660	0.700			0.46	\$43.81	\$0.34
Translations - DMS	1	0.340	0.700			0.24	\$43.81	\$0.17
Subtotal - RCMAC						0.70		\$0.51
-COMPLEX TRANSLATIONS								
.66 & .34 probability is % by switch type								
.70 probability reflects 30% reduction to work time estimates ordered								
Administration - 5E	10	0.660	0.700			4.62	\$41.45	\$3.19
Maintenance - 5E	10	0.660	0.700			4.62	\$41.45	\$3.19
Administration - DMS	10	0.340	0.700			2.38	\$41.45	\$1.64
Maintenance - DMS	10	0.340	0.700			2.38	\$41.45	\$1.64
Subtotal - COMPLEX TRANSLATIONS						14.00		\$9.67
Total For Sorvice						14.70		\$10.18
Total For Service:						14.70		\$10

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Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	
						B * (C Thru F)		H * (G/60)

DIRECTED CALL PICK UP BARGE-IN (con't)

7832 Direct Cost			\$10.18
7833			
7834	Cost	Cost	
7835	Calculation	Factor	Cost
7836	ВС	D	E
7837 Directly Assigned			
7838 Product Management Expense	D7838*E7832	0.040393	\$0.41
7839 Sales Expense	D7839*E7832	0.014960	\$0.15
7840 Product Advertising Expense	D7840*E7832	0.000000	\$0.00
7841 Business Fees (Other Operating Taxes)	D7841*Sum(E7832:E7840)	0.042595	<u>\$0.46</u>
7842 Directly Assigned Costs	Sum(E7832:E7841)		\$1.02
7843			
7844 Total Direct Costs	E7832+E7842		\$11.20
7845			
7846 Directly Attributed			_
7847 Network Operations	D7847*E7844	0.056129	\$0.63
7848 Network Support Assets	D7848*E7844	0.014074	\$0.16
7849 General Support Assets	D7849*E7844	0.057904	\$0.65
7850 General Purpose Computers	D7850*E7844	0.040926	\$0.46
7851 Uncollectible	D7851*E7844	0.001136	\$0.01
7852 Accounting & Finance Expense	D7852*E7844	0.010471	\$0.12
7853 Human Resources Expense	D7853*E7844	0.009808	\$0.11
7854 Information Management Expense	D7854*E7844	0.068149	\$0.76
7855 Intangibles	D7855*E7844	0.002634	\$0.03
7856 Directly Attributed Costs	Sum(E7847:E7855)		\$2.93
7857			01110
7858 TELRIC	E7847+E7856		\$14.13
7859			
7860 Common			
7861 Executive Expense	D7861*E7858	0.008052	\$0.11
7862 Planning Expense	D7862*E7858	0.000682	\$0.01
7863 External Relations Expense	D7863*E7858	0.009631	\$0.14
7864 Legal Expense	D7864*E7858	0.007338	\$0.10
7865 Other Procurement Expense	D7865*E7858	0.002772	\$0.04
7866 Research & Development Expense	D7866*E7858	0.000042	\$0.00
7867 Other General and Admin Expense	D7867*E7858	0.019104	\$0.27
7868 Common Costs	Sum(E7861:E7867)		\$0.67
7869			
7870 TELRIC + Common Costs	E7858+E7868		\$14.80

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Study Name: PART D FINAL ORDER NRC STUDY 7246 A Study Year: 2001

Analyst: Deffley/Eoriatti

Product Group: Interconnection

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
Λ	B	C	#2 D	E	## C	(Williates)	H	Lost
A	Ь	C	D	_	'	B * (C Thru F)	""	H * (G/60)
						2 (0 111141)		11 (3/00)
IRECTED CALL PICKUP WITHOUT BARGE-IN								
\DD*								
CMAC								
.66 & .34 probability is % by switch type								
.70 probability reflects 30% reduction to work time estimates ordered								
Translations - SW1	1	0.660	0.700			0.46	\$43.81	\$0.3
Translations - SW2	1	0.340	0.700			0.24	\$43.81	\$0.1
ubtotal - RCMAC						0.70		\$0.5
NROC								
.66 & .34 probability is % by switch type								
.70 probability reflects 30% reduction to work time estimates ordered								
Administration - SW1	10	0.660	0.700			4.62	\$41.45	\$3.
Maintenance - SW1	10	0.660	0.700			4.62	\$41.45	\$3.1
Administration - SW2	10	0.340	0.700			2.38	\$41.45	\$1.6
Maintenance - SW2	10	0.340	0.700			2.38	\$41.45	\$1.6
ubtotal - NROC						14.00		\$9.6
otal For Service:						14.70		\$10.

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Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G	Н	
						B * (C Thru F)		H * (G/60)

DIRECTED CALL PICKUP WITHOUT BARGE-IN (con't)

7922 Direct Cost			\$10.
7923			
7924	Cost	Cost	_
7925	Calculation	Factor	Cost
7926	ВС	D	E
7927 Directly Assigned			
7928 Product Management Expense	D7928*E7922	0.040393	\$0.
7929 Sales Expense	D7929*E7922	0.014960	\$0.
7930 Product Advertising Expense	D7930*E7922	0.000000	\$0.
7931 Business Fees (Other Operating Taxes)	D7931*Sum(E7922:E7930)	0.042595	<u>\$0.</u>
7932 Directly Assigned Costs	Sum(E7922:E7931)		\$1.
7933			
7934 Total Direct Costs	E7922+E7932		\$11
7935			
7936 Directly Attributed			
7937 Network Operations	D7937*E7934	0.056129	\$0.
7938 Network Support Assets	D7938*E7934	0.014074	\$0
7939 General Support Assets	D7939*E7934	0.057904	\$0
7940 General Purpose Computers	D7940*E7934	0.040926	\$0
7941 Uncollectible	D7941*E7934	0.001136	\$0
7942 Accounting & Finance Expense	D7942*E7934	0.010471	\$0.
7943 Human Resources Expense	D7943*E7934	0.009808	\$0
7944 Information Management Expense	D7944*E7934	0.068149	\$0
7945 Intangibles	D7945*E7934	0.002634	\$0
7946 Directly Attributed Costs	Sum(E7937:E7945)		\$2
7947			
7948 TELRIC	E7937+E7946		\$14
7949 7950 Common			
	D7951*E7948	0.000050	ΦO
7951 Executive Expense		0.008052	\$0.
7952 Planning Expense	D7952*E7948	0.000682	\$0.
7953 External Relations Expense	D7953*E7948	0.009631	\$0
7954 Legal Expense	D7954*E7948	0.007338	\$0
7955 Other Procurement Expense	D7955*E7948	0.002772	\$0
7956 Research & Development Expense	D7956*E7948	0.000042	\$0
7957 Other General and Admin Expense	D7957*E7948	0.019104	\$0
7958 Common Costs	Sum(E7951:E7957)		\$0
7959			
7960 TELRIC + Common Costs	E7948+E7958		\$14.

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Study Name: PART D FINAL ORDER NRC STUDY 7246 A Study Year: 2001

Analyst: Deffley/Eoriatti
Product Group: Interconnection

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G	Н	ı
						B * (C Thru F)		H * (G/60)
DISTINCTIVE RING/DISTINCTIVE CALL WAITING								
ADD*								
NROC								
.66 & .34 probability is % by switch type								
.70 probability reflects 30% reduction to work time estimates ordered								
Administration - SW1	10	0.660	0.700			4.62	\$41.45	\$3.19
Maintenance - SW1	10	0.660	0.700			4.62	\$41.45	\$3.19
Administration - SW2	55	0.340	0.700			13.09	\$41.45	\$9.04
Maintenance - SW2	30	0.340	0.700			7.14	\$41.45	\$4.93
Subtotal - NROC						29.47		\$20.30
Fotal For Service:						29.47		\$20.36

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Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	
						B * (C Thru F)		H * (G/60)

DISTINCTIVE RING/DISTINCTIVE CALL WAITING (con't)

8012 Direct Cost			\$20.36
8013			
8014	Cost	Cost	
8015	Calculation	Factor	Cost
8016	ВС	D	E
8017 Directly Assigned			
8018 Product Management Expense	D8018*E8012	0.040393	\$0.82
8019 Sales Expense	D8019*E8012	0.014960	\$0.30
8020 Product Advertising Expense	D8020*E8012	0.000000	\$0.00
8021 Business Fees (Other Operating Taxes)	D8021*Sum(E8012:E8020)	0.042595	<u>\$0.92</u>
8022 Directly Assigned Costs	Sum(E8012:E8021)		\$2.04
8023			
8024 Total Direct Costs	E8012+E8022		\$22.40
8025			
8026 Directly Attributed			
8027 Network Operations	D8027*E8024	0.056129	\$1.26
8028 Network Support Assets	D8028*E8024	0.014074	\$0.32
8029 General Support Assets	D8029*E8024	0.057904	\$1.30
8030 General Purpose Computers	D8030*E8024	0.040926	\$0.92
8031 Uncollectible	D8031*E8024	0.001136	\$0.03
8032 Accounting & Finance Expense	D8032*E8024	0.010471	\$0.23
8033 Human Resources Expense	D8033*E8024	0.009808	\$0.22
8034 Information Management Expense	D8034*E8024	0.068149	\$1.53
8035 Intangibles	D8035*E8024	0.002634	\$0.06
8036 Directly Attributed Costs	Sum(E8027:E8035)		\$5.85
8037			000.05
8038 TELRIC	E8027+E8036		\$28.25
8039			
8040 Common			•••
8041 Executive Expense	D8041*E8038	0.008052	\$0.23
8042 Planning Expense	D8042*E8038	0.000682	\$0.02
8043 External Relations Expense	D8043*E8038	0.009631	\$0.27
8044 Legal Expense	D8044*E8038	0.007338	\$0.21
8045 Other Procurement Expense	D8045*E8038	0.002772	\$0.08
8046 Research & Development Expense	D8046*E8038	0.000042	\$0.00
8047 Other General and Admin Expense	D8047*E8038	0.019104	\$0.54
8048 Common Costs	Sum(E8041:E8047)		\$1.35
8049			000 5-1
8050 TELRIC + Common Costs	E8038+E8048		\$29.60

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Study Name: PART D FINAL ORDER NRC STUDY 7246 A Study Year: 2001

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G	Н	
						B * (C Thru F)		H * (G/60)
EXPENSIVE ROUTE WARNING TONE - PER SYSTEM								
ADD								
-NROC								
.66 & .34 probability is % by switch type .70 probability reflects 30% reduction to work time estimates ordered								
Administration - sw1	40	0.660	0.700			18.48	\$41.45	\$12.77
Maintenance - sw1	30	0.660	0.700			13.86	\$41.45	\$9.57
Administration - sw2	45	0.340	0.700			10.71	\$41.45	\$7.40
Maintenance - sw2	40	0.340	0.700			9.52	\$41.45	\$6.58
Subtotal - NROC						52.57		\$36.32
Total For Service:						52.57		\$36.32

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Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	[
						B * (C Thru F)		H * (G/60)

EXPENSIVE ROUTE WARNING TONE - PER SYSTEM (con't)

8102 Direct Cost			\$36.32
8103	<u> </u>		
8104	Cost	Cost	
8105	Calculation	Factor	Cost
8106	ВС	D	E
8107 Directly Assigned			
8108 Product Management Expense	D8108*E8102	0.040393	\$1.47
8109 Sales Expense	D8109*E8102	0.014960	\$0.54
8110 Product Advertising Expense	D8110*E8102	0.000000	\$0.00
8111 Business Fees (Other Operating Taxes)	D8111*Sum(E8102:E8110)	0.042595	<u>\$1.63</u>
8112 Directly Assigned Costs	Sum(E8102:E8111)		\$3.64
8113 8114 Total Direct Costs	E8102+E8112		\$39.96
8115	E0102+E0112		φ39.90
8116 Directly Attributed			
8117 Network Operations	D8117*E8114	0.056129	\$2.24
8118 Network Support Assets	D8118*E8114	0.014074	\$0.56
8119 General Support Assets	D8119*E8114	0.057904	\$2.31
8120 General Purpose Computers	D8120*E8114	0.040926	\$1.64
8121 Uncollectible	D8121*E8114	0.001136	\$0.05
8122 Accounting & Finance Expense	D8122*E8114	0.010471	\$0.42
8123 Human Resources Expense	D8123*E8114	0.009808	\$0.39
8124 Information Management Expense	D8124*E8114	0.068149	\$2.72
8125 Intangibles	D8125*E8114	0.002634	\$0.11
8126 Directly Attributed Costs	Sum(E8117:E8125)		\$10.44
8127	· · · · · · · · · · · · · · · · · · ·		
8128 TELRIC	E8117+E8126		\$50.40
8129 8130 Common			
8131 Executive Expense	D8131*E8128	0.008052	\$0.41
8132 Planning Expense	D8132*E8128	0.000682	\$0.03
8133 External Relations Expense	D8133*E8128	0.009631	\$0.49
8134 Legal Expense	D8134*E8128	0.007338	\$0.37
8135 Other Procurement Expense	D8135*E8128	0.002772	\$0.14
8136 Research & Development Expense	D8136*E8128	0.000042	\$0.00
8137 Other General and Admin Expense	D8137*E8128	0.019104	\$0.96
8138 Common Costs	Sum(E8131:E8137)		\$2.40
8139	,		
8140 TELRIC + Common Costs	E8128+E8138		\$52.80

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Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

Work Item	I ime Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	В	С	D	Е	F	G B * (C Thru F)	Н	I H * (G/60)
FACILITY RESTRICTION LEVEL - PER SYSTEM								
<u>*ADD*</u>								
-NROC .66 & .34 probability is % by switch type .70 probability reflects 30% reduction to work time estimates ordered								
Administration - sw1	40	0.660	0.700			18.48		\$12.77
Maintenance - sw1	30	0.660	0.700			13.86	\$41.45	\$9.57
Subtotal - NROC						32.34		\$22.34
Total For Service:						32.34		\$22.34

Qwest Advice No. 3376T Page 196 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	[
						B * (C Thru F)		H * (G/60)

FACILITY RESTRICTION LEVEL - PER SYSTEM (con't)

8192 Direct Cost			\$22.34
8193			
8194	Cost	Cost	
8195	Calculation	Factor	Cost
8196	ВС	D	E
8197 Directly Assigned			
8198 Product Management Expense	D8198*E8192	0.040393	\$0.90
8199 Sales Expense	D8199*E8192	0.014960	\$0.33
8200 Product Advertising Expense	D8200*E8192	0.000000	\$0.00
8201 Business Fees (Other Operating Taxes)	D8201*Sum(E8192:E8200)	0.042595	\$1.00
8202 Directly Assigned Costs	Sum(E8192:E8201)		\$2.24
8203			
8204 Total Direct Costs	E8192+E8202		\$24.58
8205			
8206 Directly Attributed			
8207 Network Operations	D8207*E8204	0.056129	\$1.38
8208 Network Support Assets	D8208*E8204	0.014074	\$0.35
8209 General Support Assets	D8209*E8204	0.057904	\$1.42
8210 General Purpose Computers	D8210*E8204	0.040926	\$1.01
8211 Uncollectible	D8211*E8204	0.001136	\$0.03
8212 Accounting & Finance Expense	D8212*E8204	0.010471	\$0.26
8213 Human Resources Expense	D8213*E8204	0.009808	\$0.24
8214 Information Management Expense	D8214*E8204	0.068149	\$1.68
8215 Intangibles	D8215*E8204	0.002634	\$0.06
8216 Directly Attributed Costs	Sum(E8207:E8215)		\$6.42
8217			
8218 TELRIC	E8207+E8216		\$31.00
8219			
8220 Common			
8221 Executive Expense	D8221*E8218	0.008052	\$0.25
8222 Planning Expense	D8222*E8218	0.000682	\$0.02
8223 External Relations Expense	D8223*E8218	0.009631	\$0.30
8224 Legal Expense	D8224*E8218	0.007338	\$0.23
8225 Other Procurement Expense	D8225*E8218	0.002772	\$0.09
8226 Research & Development Expense	D8226*E8218	0.000042	\$0.00
8227 Other General and Admin Expense	D8227*E8218	0.019104	\$0.59
8228 Common Costs	Sum(E8221:E8227)		\$1.48
8229	·		
8230 TELRIC + Common Costs	E8218+E8228		\$32.48

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Study Name: PART D FINAL ORDER NRC STUDY 7246 A Study Year: 2001

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	В	C	D	E	F	G	Н	I
						B * (C Thru F)		H * (G/60)
GROUP INTERCOM - PER LINE								
ADD*								
RCMAC								
.66 & .34 probability is % by switch type								
.70 probability reflects 30% reduction to work time estimates ordered Translations - SW2	1	0.340	0.700			0.24	\$43.81	\$0.17
Translations - GWZ	ı	0.540	0.700			0.24	Ψ-5.01	Ψ0.17
Subtotal - RCMAC						0.24		\$0.17
NROC								
.005 probability is average number of lines (200 lines in a system)								
.66 & .34 probability is % by switch type								
.70 probability reflects 30% reduction to work time estimates ordered								
Administration - sw2	15	0.005	0.340	0.700		0.02	\$41.45	\$0.0
Maintenance - sw2	15	0.005	0.340	0.700		0.02	\$41.45	\$0.0
Administration - SW1	10	0.005	0.660	0.700		0.02	\$41.45	\$0.02
Maintenance - SW1	10	0.005	0.660	0.700		0.02	\$41.45	\$0.02
Subtotal - NROC						0.08		\$0.06
Fotal For Service:						0.32		\$0.23

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Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G	Н	
						B * (C Thru F)		H * (G/60)

GROUP INTERCOM - PER LINE (con't)

8282 Direct Cost			\$0.23
8283			
8284	Cost	Cost	
8285	Calculation	Factor	Cost
8286	ВС	D	Е
8287 Directly Assigned			
8288 Product Management Expense	D8288*E8282	0.040393	\$0.01
8289 Sales Expense	D8289*E8282	0.014960	\$0.00
8290 Product Advertising Expense	D8290*E8282	0.000000	\$0.00
8291 Business Fees (Other Operating Taxes)	D8291*Sum(E8282:E8290)	0.042595	\$0.01
8292 Directly Assigned Costs	Sum(E8282:E8291)		\$0.02
8293			
8294 Total Direct Costs	E8282+E8292		\$0.25
8295			
8296 Directly Attributed			
8297 Network Operations	D8297*E8294	0.056129	\$0.01
8298 Network Support Assets	D8298*E8294	0.014074	\$0.00
8299 General Support Assets	D8299*E8294	0.057904	\$0.01
8300 General Purpose Computers	D8300*E8294	0.040926	\$0.01
8301 Uncollectible	D8301*E8294	0.001136	\$0.00
8302 Accounting & Finance Expense	D8302*E8294	0.010471	\$0.00
8303 Human Resources Expense	D8303*E8294	0.009808	\$0.00
8304 Information Management Expense	D8304*E8294	0.068149	\$0.02
8305 Intangibles	D8305*E8294	0.002634	\$0.00
8306 Directly Attributed Costs	Sum(E8297:E8305)		\$0.07
8307			
8308 TELRIC	E8297+E8306		\$0.32
8309			
8310 Common	D0044*F0000	0.000050	# 0.00
8311 Executive Expense	D8311*E8308	0.008052	\$0.00
8312 Planning Expense	D8312*E8308	0.000682	\$0.00
8313 External Relations Expense	D8313*E8308	0.009631	\$0.00
8314 Legal Expense	D8314*E8308	0.007338	\$0.00
8315 Other Procurement Expense	D8315*E8308	0.002772	\$0.00
8316 Research & Development Expense	D8316*E8308	0.000042	\$0.00
8317 Other General and Admin Expense	D8317*E8308	0.019104	\$0.01
8318 Common Costs	Sum(E8311:E8317)		\$0.02
8319 8320 TELRIC + Common Costs	E8308+E8318		\$0.33
0320 TELRIC + COMMON COSTS	E8308+E8318		\$0.33

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Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	В	С	D	E	F	G B * (C Thru F)	Н	I H * (G/60)
HOT LINE - per line equipped, per line *ADD*								
-RCMAC .66 & .34 probability is % by switch type .70 probability reflects 30% reduction to work time estimates ordered 2nd column = % by switch type Translations - SW1	1	0.660	0.700			0.46	\$43.81	\$0.34
Translations - SW2	1	0.340	0.700			0.24	\$43.81	\$0.17
Subtotal - RCMAC						0.70		\$0.51
Total For Service:						0.70		\$0.51

Qwest Advice No. 3376T Page 200 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	[
						B * (C Thru F)		H * (G/60)

HOT LINE - per line equipped, per line (con't)

8372 Direct Cost			\$0.51
8373			
8374	Cost	Cost	
8375	Calculation	Factor	Cost
8376	ВС	D	E
8377 Directly Assigned			
8378 Product Management Expense	D8378*E8372	0.040393	\$0.02
8379 Sales Expense	D8379*E8372	0.014960	\$0.01
8380 Product Advertising Expense	D8380*E8372	0.000000	\$0.00
8381 Business Fees (Other Operating Taxes)	D8381*Sum(E8372:E8380)	0.042595	\$0.02
8382 Directly Assigned Costs	Sum(E8372:E8381)		\$0.05
8383 8384 Total Direct Costs	E8372+E8382		#0.50
8384 Total Direct Costs 8385	E8372+E8382		\$0.56
8386 Directly Attributed			
8387 Network Operations	D8387*E8384	0.056129	\$0.03
8388 Network Support Assets	D8388*E8384	0.036129	\$0.03
8389 General Support Assets	D8389*E8384	0.057904	\$0.03
8390 General Purpose Computers	D8390*E8384	0.037904	\$0.03
8391 Uncollectible	D8391*E8384	0.040920	\$0.02
8392 Accounting & Finance Expense	D8392*E8384	0.001130	\$0.00
8393 Human Resources Expense	D8393*E8384	0.009808	\$0.01
8394 Information Management Expense	D8394*E8384	0.068149	\$0.01
8395 Intangibles	D8395*E8384	0.002634	\$0.04
8396 Directly Attributed Costs	Sum(E8387:E8395)	0.002034	\$0.00
8397	Sum(E0307.E0393)		ψ0.13
8398 TELRIC	E8387+E8396		\$0.71
8399			
8400 Common			
8401 Executive Expense	D8401*E8398	0.008052	\$0.01
8402 Planning Expense	D8402*E8398	0.000682	\$0.00
8403 External Relations Expense	D8403*E8398	0.009631	\$0.01
8404 Legal Expense	D8404*E8398	0.007338	\$0.01
8405 Other Procurement Expense	D8405*E8398	0.002772	\$0.00
8406 Research & Development Expense	D8406*E8398	0.000042	\$0.00
8407 Other General and Admin Expense	D8407*E8398	0.019104	\$0.01
8408 Common Costs	Sum(E8401:E8407)		\$0.03
8409		•	
8410 TELRIC + Common Costs	E8398+E8408		\$0.74

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Study Name: PART D FINAL ORDER NRC STUDY 7246 A Study Year: 2001

Analyst: Deffley/Eoriatti
Product Group: Interconnection

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	В	С	D	Е	F	G B * (C Thru F)	Н	I H * (G/60)
HUNTING - MULTIPOSITION HUNT QUEUING - per group								
<u>*ADD*</u>								
-RCMAC .66 & .34 probability is % by switch type .70 probability reflects 30% reduction to work time estimates ordered								
Translations - SW1	1	0.660	0.700			0.46	\$43.81	\$0.34
Subtotal - RCMAC						0.46		\$0.34
-NROC .66 & .34 probability is % by switch type .70 probability reflects 30% reduction to work time estimates ordered Administration - sw1 Maintenance - sw1	30 30	0.660 0.660	0.700 0.700			13.86 13.86	\$41.45 \$41.45	\$9.57 \$9.57
Subtotal - NROC						27.72		\$19.15
Total For Service:						28.18		\$19.49

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Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	[
						B * (C Thru F)		H * (G/60)

HUNTING - MULTIPOSITION HUNT QUEUING - per group (con't)

8462 Direct Cost			\$19.49
8463			
8464	Cost	Cost	
8465	Calculation	Factor	Cost
8466	ВС	D	E
8467 Directly Assigned			
8468 Product Management Expense	D8468*E8462	0.040393	\$0.79
8469 Sales Expense	D8469*E8462	0.014960	\$0.29
8470 Product Advertising Expense	D8470*E8462	0.000000	\$0.00
8471 Business Fees (Other Operating Taxes)	D8471*Sum(E8462:E8470)	0.042595	<u>\$0.88</u>
8472 Directly Assigned Costs	Sum(E8462:E8471)		\$1.95
8473			
8474 Total Direct Costs	E8462+E8472		\$21.44
8475			
8476 Directly Attributed			
8477 Network Operations	D8477*E8474	0.056129	\$1.20
8478 Network Support Assets	D8478*E8474	0.014074	\$0.30
8479 General Support Assets	D8479*E8474	0.057904	\$1.24
8480 General Purpose Computers	D8480*E8474	0.040926	\$0.88
8481 Uncollectible	D8481*E8474	0.001136	\$0.02
8482 Accounting & Finance Expense	D8482*E8474	0.010471	\$0.22
8483 Human Resources Expense	D8483*E8474	0.009808	\$0.21
8484 Information Management Expense	D8484*E8474	0.068149	\$1.46
8485 Intangibles	D8485*E8474	0.002634	\$0.06
8486 Directly Attributed Costs	Sum(E8477:E8485)		\$5.60
8487			
8488 TELRIC	E8477+E8486		\$27.04
8489			
8490 Common			
8491 Executive Expense	D8491*E8488	0.008052	\$0.22
8492 Planning Expense	D8492*E8488	0.000682	\$0.02
8493 External Relations Expense	D8493*E8488	0.009631	\$0.26
8494 Legal Expense	D8494*E8488	0.007338	\$0.20
8495 Other Procurement Expense	D8495*E8488	0.002772	\$0.07
8496 Research & Development Expense	D8496*E8488	0.000042	\$0.00
8497 Other General and Admin Expense	D8497*E8488	0.019104	\$0.52
8498 Common Costs	Sum(E8491:E8497)		\$1.29
8499			
8500 TELRIC + Common Costs	E8488+E8498		\$28.33

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Study Name: PART D FINAL ORDER NRC STUDY 7246 A Study Year: 2001

Analyst: Deffley/Eoriatti
Product Group: Interconnection

Wark Hom	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	Cont
Work Item	Minutes	#1	#2 D	#3	#4	(Minutes)	/Hour H	Cost
A	В	C	D	_	Г	B * (C Thru F)	П	и Н * (G/60)
						B (C IIIId I)		11 (0/00)
HUNTING: MULTIPOSITION WITH ANNOUCEMENT IN QUEUE								
ADD								
-RCMAC								
.66 & .34 probability is % by switch type								
.70 probability reflects 30% reduction to work time estimates ordered								
Translations - SW1	1	0.660	0.700			0.46	\$43.81	\$0.34
Subtotal - RCMAC						0.46		\$0.34
-NROC								
.66 & .34 probability is % by switch type								
.70 probability reflects 30% reduction to work time estimates ordered								
Administration - sw1	30	0.660	0.700			13.86	\$41.45	\$9.57
Maintenance - sw1	30	0.660	0.700			13.86	\$41.45	\$9.57
Subtotal - NROC						27.72		\$19.15
Total For Service:						28.18		\$19.49

Qwest Advice No. 3376T Page 204 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	
						B * (C Thru F)		H * (G/60)

HUNTING: MULTIPOSITION WITH ANNOUCEMENT IN QUEUE (con't)

8552 Direct Cost			\$19.49
8553			
8554	Cost	Cost	
8555	Calculation	Factor	Cost
8556	ВС	D	E
8557 Directly Assigned			
8558 Product Management Expense	D8558*E8552	0.040393	\$0.79
8559 Sales Expense	D8559*E8552	0.014960	\$0.29
8560 Product Advertising Expense	D8560*E8552	0.000000	\$0.00
8561 Business Fees (Other Operating Taxes)	D8561*Sum(E8552:E8560)	0.042595	\$0.88
8562 Directly Assigned Costs	Sum(E8552:E8561)		\$1.95
8563			
8564 Total Direct Costs	E8552+E8562		\$21.44
8565			
8566 Directly Attributed			
8567 Network Operations	D8567*E8564	0.056129	\$1.20
8568 Network Support Assets	D8568*E8564	0.014074	\$0.30
8569 General Support Assets	D8569*E8564	0.057904	\$1.24
8570 General Purpose Computers	D8570*E8564	0.040926	\$0.88
8571 Uncollectible	D8571*E8564	0.001136	\$0.02
8572 Accounting & Finance Expense	D8572*E8564	0.010471	\$0.22
8573 Human Resources Expense	D8573*E8564	0.009808	\$0.21
8574 Information Management Expense	D8574*E8564	0.068149	\$1.46
8575 Intangibles	D8575*E8564	0.002634	\$0.06
8576 Directly Attributed Costs	Sum(E8567:E8575)		\$5.60
8577			
8578 TELRIC	E8567+E8576		\$27.04
8579			
8580 Common			
8581 Executive Expense	D8581*E8578	0.008052	\$0.22
8582 Planning Expense	D8582*E8578	0.000682	\$0.02
8583 External Relations Expense	D8583*E8578	0.009631	\$0.26
8584 Legal Expense	D8584*E8578	0.007338	\$0.20
8585 Other Procurement Expense	D8585*E8578	0.002772	\$0.07
8586 Research & Development Expense	D8586*E8578	0.000042	\$0.00
8587 Other General and Admin Expense	D8587*E8578	0.019104	\$0.52
8588 Common Costs	Sum(E8581:E8587)		\$1.29
8589			400
8590 TELRIC + Common Costs	E8578+E8588		\$28.33

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Study Name: PART D FINAL ORDER NRC STUDY 7246 A Study Year: 2001

Analyst: Deffley/Eoriatti

Product Group: Interconnection

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	В	С	D	E	F	G B * (C Thru F)	Н	I H * (G/60)
HUNTING: MULTIPOSITION WITH MUSIC IN QUEUE								
ADD								
-RCMAC .66 & .34 probability is % by switch type .70 probability reflects 30% reduction to work time estimates ordered Translations - SW1	1	0.660	0.700			0.46	\$43.81	\$0.34
Subtotal - RCMAC						0.46		\$0.34
-NROC .66 & .34 probability is % by switch type .70 probability reflects 30% reduction to work time estimates ordered Translations - SW1 Translations - SW1	30 30	0.660 0.660	0.700 0.700			13.86 13.86	\$43.81 \$43.81	\$10.12 \$10.12
Subtotal - NROC						27.72		\$20.24
Total For Service:						28.18		\$20.58

Qwest Advice No. 3376T Page 206 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G	Н	
						B * (C Thru F)		H * (G/60)

HUNTING: MULTIPOSITION WITH MUSIC IN QUEUE (con't)

8642 Direct Cost			\$20.58
8643			
8644	Cost	Cost	
8645	Calculation	Factor	Cost
8646	ВС	D	E
8647 Directly Assigned			
8648 Product Management Expense	D8648*E8642	0.040393	\$0.83
8649 Sales Expense	D8649*E8642	0.014960	\$0.31
8650 Product Advertising Expense	D8650*E8642	0.000000	\$0.00
8651 Business Fees (Other Operating Taxes)	D8651*Sum(E8642:E8650)	0.042595	\$0.93
8652 Directly Assigned Costs	Sum(E8642:E8651)		\$2.06
8653			
8654 Total Direct Costs	E8642+E8652		\$22.64
8655			
8656 Directly Attributed			
8657 Network Operations	D8657*E8654	0.056129	\$1.27
8658 Network Support Assets	D8658*E8654	0.014074	\$0.32
8659 General Support Assets	D8659*E8654	0.057904	\$1.31
8660 General Purpose Computers	D8660*E8654	0.040926	\$0.93
8661 Uncollectible	D8661*E8654	0.001136	\$0.03
8662 Accounting & Finance Expense	D8662*E8654	0.010471	\$0.24
8663 Human Resources Expense	D8663*E8654	0.009808	\$0.22
8664 Information Management Expense	D8664*E8654	0.068149	\$1.54
8665 Intangibles	D8665*E8654	0.002634	\$0.06
8666 Directly Attributed Costs	Sum(E8657:E8665)		\$5.91
8667			
8668 TELRIC	E8657+E8666		\$28.56
8669			
8670 Common			
8671 Executive Expense	D8671*E8668	0.008052	\$0.23
8672 Planning Expense	D8672*E8668	0.000682	\$0.02
8673 External Relations Expense	D8673*E8668	0.009631	\$0.28
8674 Legal Expense	D8674*E8668	0.007338	\$0.21
8675 Other Procurement Expense	D8675*E8668	0.002772	\$0.08
8676 Research & Development Expense	D8676*E8668	0.000042	\$0.00
8677 Other General and Admin Expense	D8677*E8668	0.019104	\$0.55
8678 Common Costs	Sum(E8671:E8677)		\$1.36
8679	F0000 F00T0		# 00.00
8680 TELRIC + Common Costs	E8668+E8678		\$29.92

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Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

Work Item	nime Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G B * (C Thru F)	Н	I H * (G/60)
ISDN SHORT HUNT								
<u>*ADD*</u>								
-RCMAC .66 & .34 probability is % by switch type .70 probability reflects 30% reduction to work time estimates ordered								
Translations - SW1 Translations - SW2	1	0.660 0.340	0.700 0.700			0.46 0.71	\$43.81 \$43.81	\$0.34 \$0.52
Subtotal - RCMAC	3	0.340	0.700				Ψ43.61	·
						1.18		\$0.86 \$0.86
Total For Service:						1.18		20.80

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Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	[
						B * (C Thru F)		H * (G/60)

ISDN SHORT HUNT (con't)

8732 Direct Cost			\$0.86
8733			
8734	Cost	Cost	
8735	Calculation	Factor	Cost
8736	ВС	D	E
8737 Directly Assigned	<u> </u>		_
8738 Product Management Expense	D8738*E8732	0.040393	\$0.03
8739 Sales Expense	D8739*E8732	0.014960	\$0.01
8740 Product Advertising Expense	D8740*E8732	0.000000	\$0.00
8741 Business Fees (Other Operating Taxes)	D8741*Sum(E8732:E8740)	0.042595	\$0.04
8742 Directly Assigned Costs	Sum(E8732:E8741)		\$0.09
8743			•
8744 Total Direct Costs	E8732+E8742		\$0.94
8745			
8746 Directly Attributed			
8747 Network Operations	D8747*E8744	0.056129	\$0.05
8748 Network Support Assets	D8748*E8744	0.014074	\$0.01
8749 General Support Assets	D8749*E8744	0.057904	\$0.05
8750 General Purpose Computers	D8750*E8744	0.040926	\$0.04
8751 Uncollectible	D8751*E8744	0.001136	\$0.00
8752 Accounting & Finance Expense	D8752*E8744	0.010471	\$0.01
8753 Human Resources Expense	D8753*E8744	0.009808	\$0.01
8754 Information Management Expense	D8754*E8744	0.068149	\$0.06
8755 Intangibles	D8755*E8744	0.002634	\$0.00
8756 Directly Attributed Costs	Sum(E8747:E8755)		\$0.25
8757	<u> </u>		•
8758 TELRIC	E8747+E8756		\$1.19
8759			
8760 Common			
8761 Executive Expense	D8761*E8758	0.008052	\$0.01
8762 Planning Expense	D8762*E8758	0.000682	\$0.00
8763 External Relations Expense	D8763*E8758	0.009631	\$0.01
8764 Legal Expense	D8764*E8758	0.007338	\$0.01
8765 Other Procurement Expense	D8765*E8758	0.002772	\$0.00
8766 Research & Development Expense	D8766*E8758	0.000042	\$0.00
8767 Other General and Admin Expense	D8767*E8758	0.019104	\$0.02
8768 Common Costs	Sum(E8761:E8767)		\$0.06
8769			
8770 TELRIC + Common Costs	E8758+E8768		\$1.25

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Study Name: PART D FINAL ORDER NRC STUDY 7246 A Study Year: 2001

Analyst: Deffley/Eoriatti

Product Group: Interconnection

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	В	С	D	E	F	G	Н	I
						B * (C Thru F)		H * (G/60)
OUDSPEAKER PAGING TRUNK SIDE, per group								
\DD*								
CCMAC								
.66 & .34 probability is % by switch type								
.70 probability reflects 30% reduction to work time estimates ordered			0.700			2.42	0.40.04	
Translations - SW1	1	0.660	0.700			0.46	\$43.81	\$0.3
Translations - SW2	1	0.340	0.700			0.24	\$43.81	\$0.1
ubtotal - RCMAC						0.70		\$0.5
IROC								
.66 & .34 probability is % by switch type								
.70 probability reflects 30% reduction to work time estimates ordered								
Administration - sw1	105	0.660	0.700			48.51	\$41.45	\$33.5
Maintenance - sw1	80	0.660	0.700			36.96	\$41.45	\$25.5
Administration - sw2	85	0.340	0.700			20.23	\$41.45	\$13.9
Maintenance - sw2	95	0.340	0.700			22.61	\$41.45	\$15.6
ubtotal - NROC						128.31		\$88.6
otal For Service:						129.01		\$89.1

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Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G	Н	
						B * (C Thru F)		H * (G/60)

LOUDSPEAKER PAGING TRUNK SIDE, per group (con't)

8822 Direct Cost			\$89.15
8823			
8824	Cost	Cost	
8825	Calculation	Factor	Cost
8826	ВС	D	E
8827 Directly Assigned			
8828 Product Management Expense	D8828*E8822	0.040393	\$3.60
8829 Sales Expense	D8829*E8822	0.014960	\$1.33
8830 Product Advertising Expense	D8830*E8822	0.000000	\$0.00
8831 Business Fees (Other Operating Taxes)	D8831*Sum(E8822:E8830)	0.042595	<u>\$4.01</u>
8832 Directly Assigned Costs	Sum(E8822:E8831)		\$8.94
8833			400.00
8834 Total Direct Costs	E8822+E8832		\$98.09
8835 8836 Directly Attributed			
8837 Network Operations	D8837*E8834	0.056129	\$5.51
8838 Network Support Assets	D8838*E8834	0.014074	\$1.38
8839 General Support Assets	D8839*E8834	0.057904	\$5.68
8840 General Purpose Computers	D8840*E8834	0.040926	\$4.01
8841 Uncollectible	D8841*E8834	0.001136	\$0.11
8842 Accounting & Finance Expense	D8842*E8834	0.010471	\$1.03
8843 Human Resources Expense	D8843*E8834	0.009808	\$0.96
8844 Information Management Expense	D8844*E8834	0.068149	\$6.69
8845 Intangibles	D8845*E8834	0.002634	\$0.26
8846 Directly Attributed Costs	Sum(E8837:E8845)		\$25.63
8847			4_0.00
8848 TELRIC	E8837+E8846		\$123.72
8849			
8850 Common			• • • • •
8851 Executive Expense	D8851*E8848	0.008052	\$1.00
8852 Planning Expense	D8852*E8848	0.000682	\$0.08
8853 External Relations Expense	D8853*E8848	0.009631	\$1.19
8854 Legal Expense	D8854*E8848	0.007338	\$0.91
8855 Other Procurement Expense	D8855*E8848	0.002772	\$0.34
8856 Research & Development Expense	D8856*E8848	0.000042	\$0.01
8857 Other General and Admin Expense	D8857*E8848	0.019104	\$2.36
8858 Common Costs	Sum(E8851:E8857)		\$5.89
8859	F0040 F00F0		0100.01
8860 TELRIC + Common Costs	E8848+E8858		\$129.61

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\$0.34

0.46

Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

Total For Service:

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	B	C	D	#3 E	F	G B * (C Thru F)	H	H * (G/60)
MAKE BUSY ARRANGEMENTS, per group								
ADD								
-RCMAC .66 & .34 probability is % by switch type .70 probability reflects 30% reduction to work time estimates ordered Translations - SW1	1	0.660	0.700			0.46	\$43.81	\$0.34
Subtotal - RCMAC						0.46		\$0.34

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Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	[
						B * (C Thru F)		H * (G/60)

MAKE BUSY ARRANGEMENTS, per group (con't)

8912 Direct Cost			\$0.34
8913			
8914	Cost	Cost	
8915	Calculation	Factor	Cost
8916	ВС	D	E
8917 Directly Assigned			
8918 Product Management Expense	D8918*E8912	0.040393	\$0.01
8919 Sales Expense	D8919*E8912	0.014960	\$0.01
8920 Product Advertising Expense	D8920*E8912	0.000000	\$0.00
8921 Business Fees (Other Operating Taxes)	D8921*Sum(E8912:E8920)	0.042595	<u>\$0.02</u>
8922 Directly Assigned Costs	Sum(E8912:E8921)		\$0.03
8923			
8924 Total Direct Costs	E8912+E8922		\$0.37
8925			
8926 Directly Attributed			_
8927 Network Operations	D8927*E8924	0.056129	\$0.02
8928 Network Support Assets	D8928*E8924	0.014074	\$0.01
8929 General Support Assets	D8929*E8924	0.057904	\$0.02
8930 General Purpose Computers	D8930*E8924	0.040926	\$0.02
8931 Uncollectible	D8931*E8924	0.001136	\$0.00
8932 Accounting & Finance Expense	D8932*E8924	0.010471	\$0.00
8933 Human Resources Expense	D8933*E8924	0.009808	\$0.00
8934 Information Management Expense	D8934*E8924	0.068149	\$0.03
8935 Intangibles	D8935*E8924	0.002634	\$0.00
8936 Directly Attributed Costs	Sum(E8927:E8935)		\$0.10
8937			
8938 TELRIC	E8927+E8936		\$0.47
8939			
8940 Common			••••
8941 Executive Expense	D8941*E8938	0.008052	\$0.00
8942 Planning Expense	D8942*E8938	0.000682	\$0.00
8943 External Relations Expense	D8943*E8938	0.009631	\$0.00
8944 Legal Expense	D8944*E8938	0.007338	\$0.00
8945 Other Procurement Expense	D8945*E8938	0.002772	\$0.00
8946 Research & Development Expense	D8946*E8938	0.000042	\$0.00
8947 Other General and Admin Expense	D8947*E8938	0.019104	\$0.01
8948 Common Costs	Sum(E8941:E8947)		\$0.02
8949			
8950 TELRIC + Common Costs	E8938+E8948		\$0.49

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\$0.34

0.46

Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

Total For Service:

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	В	C	D	E	F	G B * (C Thru F)	H	H * (G/60)
MAKE BUSY ARRANGEMENTS, per line								
ADD								
-RCMAC .66 & .34 probability is % by switch type .70 probability reflects 30% reduction to work time estimates ordered Translations - SW1	1	0.660	0.700			0.46	\$43.81	\$0.34
Subtotal - RCMAC						0.46		\$0.34

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Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G	Н	
						B * (C Thru F)		H * (G/60)

MAKE BUSY ARRANGEMENTS, per line (con't)

9002 Direct Cost			\$0.34
9003			<u>.</u>
9004	Cost	Cost	
9005	Calculation	Factor	Cost
9006	ВС	D	E
9007 Directly Assigned	<u>-</u>		
9008 Product Management Expense	D9008*E9002	0.040393	\$0.01
9009 Sales Expense	D9009*E9002	0.014960	\$0.01
9010 Product Advertising Expense	D9010*E9002	0.000000	\$0.00
9011 Business Fees (Other Operating Taxes)	D9011*Sum(E9002:E9010)	0.042595	\$0.02
9012 Directly Assigned Costs	Sum(E9002:E9011)		\$0.03
9013	·		
9014 Total Direct Costs	E9002+E9012		\$0.37
9015			•
9016 Directly Attributed			
9017 Network Operations	D9017*E9014	0.056129	\$0.02
9018 Network Support Assets	D9018*E9014	0.014074	\$0.01
9019 General Support Assets	D9019*E9014	0.057904	\$0.02
9020 General Purpose Computers	D9020*E9014	0.040926	\$0.02
9021 Uncollectible	D9021*E9014	0.001136	\$0.00
9022 Accounting & Finance Expense	D9022*E9014	0.010471	\$0.00
9023 Human Resources Expense	D9023*E9014	0.009808	\$0.00
9024 Information Management Expense	D9024*E9014	0.068149	\$0.03
9025 Intangibles	D9025*E9014	0.002634	\$0.00
9026 Directly Attributed Costs	Sum(E9017:E9025)		\$0.10
9027	•		
9028 TELRIC	E9017+E9026		\$0.47
9029			
9030 Common			
9031 Executive Expense	D9031*E9028	0.008052	\$0.00
9032 Planning Expense	D9032*E9028	0.000682	\$0.00
9033 External Relations Expense	D9033*E9028	0.009631	\$0.00
9034 Legal Expense	D9034*E9028	0.007338	\$0.00
9035 Other Procurement Expense	D9035*E9028	0.002772	\$0.00
9036 Research & Development Expense	D9036*E9028	0.000042	\$0.00
9037 Other General and Admin Expense	D9037*E9028	0.019104	\$0.01
9038 Common Costs	Sum(E9031:E9037)		\$0.02
9039			
9040 TELRIC + Common Costs	E9028+E9038		\$0.49

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\$0.17

0.24

Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

Total For Service:

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G	Н	
						B * (C Thru F)		H * (G/60)
MESSAGE CENTER - per main station line, per line								
ADD								
-RCMAC								
.66 & .34 probability is % by switch type								
.70 probability reflects 30% reduction to work time estimates ordered								
Translations - SW2	1	0.3	40 0.700			0.24	\$43.81	\$0.17
O Land Bowe						0.04		¢0.47
Subtotal - RCMAC						0.24		\$0.17

Qwest Advice No. 3376T Page 216 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G	Н	
						B * (C Thru F)		H * (G/60)

MESSAGE CENTER - per main station line, per line (con't)

9092 Direct Cost			\$0.17
9093			
9094	Cost	Cost	
9095	Calculation	Factor	Cost
9096	ВС	D	E
9097 Directly Assigned			
9098 Product Management Expense	D9098*E9092	0.040393	\$0.01
9099 Sales Expense	D9099*E9092	0.014960	\$0.0
9100 Product Advertising Expense	D9100*E9092	0.000000	\$0.0
9101 Business Fees (Other Operating Taxes)	D9101*Sum(E9092:E9100)	0.042595	\$0.0
9102 Directly Assigned Costs	Sum(E9092:E9101)		\$0.0
9103			
9104 Total Direct Costs	E9092+E9102		\$0.1
9105			
9106 Directly Attributed			
9107 Network Operations	D9107*E9104	0.056129	\$0.0
9108 Network Support Assets	D9108*E9104	0.014074	\$0.0
9109 General Support Assets	D9109*E9104	0.057904	\$0.0
9110 General Purpose Computers	D9110*E9104	0.040926	\$0.0
9111 Uncollectible	D9111*E9104	0.001136	\$0.0
9112 Accounting & Finance Expense	D9112*E9104	0.010471	\$0.0
9113 Human Resources Expense	D9113*E9104	0.009808	\$0.0
9114 Information Management Expense	D9114*E9104	0.068149	\$0.0
9115 Intangibles	D9115*E9104	0.002634	\$0.0
9116 Directly Attributed Costs	Sum(E9107:E9115)		\$0.0
9117 9118 <i>TELRIC</i>	E9107+E9116		\$0.2
9119			
9120 Common			
9121 Executive Expense	D9121*E9118	0.008052	\$0.0
9122 Planning Expense	D9122*E9118	0.000682	\$0.0
9123 External Relations Expense	D9123*E9118	0.009631	\$0.0
9124 Legal Expense	D9124*E9118	0.007338	\$0.0
9125 Other Procurement Expense	D9125*E9118	0.002772	\$0.0
9126 Research & Development Expense	D9126*E9118	0.000042	\$0.0
9127 Other General and Admin Expense	D9127*E9118	0.019104	\$0.0
9128 Common Costs	Sum(E9121:E9127)		\$0.0
9129		<u> </u>	
9130 TELRIC + Common Costs	E9118+E9128		\$0.2

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\$0.17

0.24

Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

Total For Service:

Mark to	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	0
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	C	U	E	F	B * (C Thru F)	н	H * (G/60)
MESSAGE WAITING VISUAL, per line								
ADD								
-RCMAC .66 & .34 probability is % by switch type .70 probability reflects 30% reduction to work time estimates ordered Translations - SW2	1	0.340	0.700			0.24	\$43.81	\$0.17
Subtotal - RCMAC						0.24		\$0.17

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Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	
						B * (C Thru F)		H * (G/60)

MESSAGE WAITING VISUAL, per line (con't)

9182 Direct Cost			\$0.17
9183			
9184	Cost	Cost	
9185	Calculation	Factor	Cost
9186	ВС	D	E
9187 Directly Assigned			
9188 Product Management Expense	D9188*E9182	0.040393	\$0.01
9189 Sales Expense	D9189*E9182	0.014960	\$0.00
9190 Product Advertising Expense	D9190*E9182	0.000000	\$0.00
9191 Business Fees (Other Operating Taxes)	D9191*Sum(E9182:E9190)	0.042595	<u>\$0.01</u>
9192 Directly Assigned Costs	Sum(E9182:E9191)		\$0.02
9193			
9194 Total Direct Costs	E9182+E9192		\$0.19
9195			
9196 Directly Attributed			_
9197 Network Operations	D9197*E9194	0.056129	\$0.01
9198 Network Support Assets	D9198*E9194	0.014074	\$0.00
9199 General Support Assets	D9199*E9194	0.057904	\$0.01
9200 General Purpose Computers	D9200*E9194	0.040926	\$0.01
9201 Uncollectible	D9201*E9194	0.001136	\$0.00
9202 Accounting & Finance Expense	D9202*E9194	0.010471	\$0.00
9203 Human Resources Expense	D9203*E9194	0.009808	\$0.00
9204 Information Management Expense	D9204*E9194	0.068149	\$0.01
9205 Intangibles	D9205*E9194	0.002634	\$0.00
9206 Directly Attributed Costs	Sum(E9197:E9205)		\$0.05
9207			00.01
9208 TELRIC	E9197+E9206		\$0.24
9209			
9210 Common			
9211 Executive Expense	D9211*E9208	0.008052	\$0.00
9212 Planning Expense	D9212*E9208	0.000682	\$0.00
9213 External Relations Expense	D9213*E9208	0.009631	\$0.00
9214 Legal Expense	D9214*E9208	0.007338	\$0.00
9215 Other Procurement Expense	D9215*E9208	0.002772	\$0.00
9216 Research & Development Expense	D9216*E9208	0.000042	\$0.00
9217 Other General and Admin Expense	D9217*E9208	0.019104	\$0.00
9218 Common Costs	Sum(E9211:E9217)		\$0.01
9219	F0000 - F0040		#0.05
9220 TELRIC + Common Costs	E9208+E9218		\$0.25

Qwest Advice No. 3376T Page 219 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A Study Year: 2001

Analyst: Deffley/Eoriatti
Product Group: Interconnection

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G B * (C Thru F)	Н	H * (C/60)
						B (Cilliur)		H * (G/60)
MUSIC ON HOLD - per system								
<u>*ADD*</u>								
-RCMAC								
.66 & .34 probability is % by switch type								
.70 probability reflects 30% reduction to work time estimates ordered		0.040	0.700			2.24	0.40.04	A0.47
Translations - SW2	1	0.340	0.700			0.24	\$43.81	\$0.17
Subtotal - RCMAC						0.24		\$0.17
-NROC								
.66 & .34 probability is % by switch type								
.70 probability reflects 30% reduction to work time estimates ordered								
Administration - sw2	35	0.340	0.700			8.33	\$41.45	\$5.75
Maintenance - sw2	35	0.340	0.700			8.33	\$41.45	\$5.75
Subtotal - NROC						16.66		\$11.51
Total For Service:						16.90		\$11.68

Qwest Advice No. 3376T Page 220 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	[
						B * (C Thru F)		H * (G/60)

MUSIC ON HOLD - per system (con't)

9272 Direct Cost			\$11.68
9273	<u></u>		
9274	Cost	Cost	
9275	Calculation	Factor	Cost
9276	ВС	D	E
9277 Directly Assigned			
9278 Product Management Expense	D9278*E9272	0.040393	\$0.47
9279 Sales Expense	D9279*E9272	0.014960	\$0.17
9280 Product Advertising Expense	D9280*E9272	0.000000	\$0.00
9281 Business Fees (Other Operating Taxes)	D9281*Sum(E9272:E9280)	0.042595	\$0.53
9282 Directly Assigned Costs	Sum(E9272:E9281)		\$1.17
9283	F0070 F0000		040.05
9284 Total Direct Costs	E9272+E9282		\$12.85
9285 9286 Directly Attributed			
9287 Network Operations	D9287*E9284	0.056129	\$0.72
9288 Network Support Assets	D9288*E9284	0.014074	\$0.18
9289 General Support Assets	D9289*E9284	0.057904	\$0.74
9290 General Purpose Computers	D9290*E9284	0.040926	\$0.53
9291 Uncollectible	D9291*E9284	0.001136	\$0.01
9292 Accounting & Finance Expense	D9292*E9284	0.010471	\$0.13
9293 Human Resources Expense	D9293*E9284	0.009808	\$0.13
9294 Information Management Expense	D9294*E9284	0.068149	\$0.88
9295 Intangibles	D9295*E9284	0.002634	\$0.03
9296 Directly Attributed Costs	Sum(E9287:E9295)		\$3.36
9297	,		
9298 TELRIC	E9287+E9296		\$16.21
9299			
9300 Common			
9301 Executive Expense	D9301*E9298	0.008052	\$0.13
9302 Planning Expense	D9302*E9298	0.000682	\$0.01
9303 External Relations Expense	D9303*E9298	0.009631	\$0.16
9304 Legal Expense	D9304*E9298	0.007338	\$0.12
9305 Other Procurement Expense	D9305*E9298	0.002772	\$0.04
9306 Research & Development Expense	D9306*E9298	0.000042	\$0.00
9307 Other General and Admin Expense	D9307*E9298	0.019104	\$0.31
9308 Common Costs	Sum(E9301:E9307)		\$0.77
9309 9310 TELRIC + Common Costs	E9298+E9308		\$16.99
9310 TELRIC + COMMINION COSIS	E3230+E3300		Ф10.99

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Study Name: PART D FINAL ORDER NRC STUDY 7246 A Study Year: 2001

Analyst: Deffley/Eoriatti

Product Group: Interconnection

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	В	С	D	E	F	G B * (C Thru F)	Н	I H * (G/60)
PRIVACY RELEASE, per station line								
<u>*ADD*</u>								
-RCMAC .66 & .34 probability is % by switch type .70 probability reflects 30% reduction to work time estimates ordered Translations - SW2	1	0.340	0.700			0.24	\$43.81	\$0.17
Subtotal - RCMAC						0.24		\$0.17
-NROC Time is 20/20 time per system of 200 lines with 50% penetration, divisor 100 .66 & .34 probability is % by switch type .70 probability reflects 30% reduction to work time estimates ordered Administration - sw2 Maintenance - sw2	0.2 0.2	0.340 0.340	0.700 0.700			0.05 0.05	\$41.45 \$41.45	\$0.03 \$0.03
Subtotal - NROC						0.10		\$0.07
Total For Service:						0.33		\$0.24

Qwest Advice No. 3376T Page 222 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	[
						B * (C Thru F)		H * (G/60)

PRIVACY RELEASE, per station line (con't)

9362 Direct Cost			\$0.24
9363			
9364	Cost	Cost	
9365	Calculation	Factor	Cost
9366	В С	D	E
9367 Directly Assigned			••••
9368 Product Management Expense	D9368*E9362	0.040393	\$0.01
9369 Sales Expense	D9369*E9362	0.014960	\$0.00
9370 Product Advertising Expense	D9370*E9362	0.000000	\$0.00
9371 Business Fees (Other Operating Taxes)	D9371*Sum(E9362:E9370)	0.042595	\$0.01
9372 Directly Assigned Costs	Sum(E9362:E9371)		\$0.02
9373 9374 Total Direct Costs	E9362+E9372		\$0.26
9375	E9302+E9372		φ0.20
9376 Directly Attributed			
9377 Network Operations	D9377*E9374	0.056129	\$0.01
9378 Network Support Assets	D9378*E9374	0.014074	\$0.00
9379 General Support Assets	D9379*E9374	0.057904	\$0.02
9380 General Purpose Computers	D9380*E9374	0.040926	\$0.01
9381 Uncollectible	D9381*E9374	0.001136	\$0.00
9382 Accounting & Finance Expense	D9382*E9374	0.010471	\$0.00
9383 Human Resources Expense	D9383*E9374	0.009808	\$0.00
9384 Information Management Expense	D9384*E9374	0.068149	\$0.02
9385 Intangibles	D9385*E9374	0.002634	\$0.00
9386 Directly Attributed Costs	Sum(E9377:E9385)		\$0.07
9387	<u> </u>		
9388 TELRIC	E9377+E9386		\$0.33
9389 9390 Common			
9391 Executive Expense	D9391*E9388	0.008052	\$0.00
9392 Planning Expense	D9391 E9366 D9392*E9388	0.006052	\$0.00
9393 External Relations Expense	D9392 E9388	0.000662	\$0.00
9394 Legal Expense	D9394*E9388	0.009631	\$0.00
9394 Legal Expense 9395 Other Procurement Expense	D9394*E9388 D9395*E9388	0.007338	\$0.00
9395 Other Procurement Expense 9396 Research & Development Expense	D9395*E9388	0.002772	\$0.00
9397 Other General and Admin Expense	D9396 E9388	0.000042	\$0.00
9398 Common Costs	Sum(E9391:E9397)	0.019104	\$0.02
9399	Sum(E9391:E9391)		φ0.02
9400 TELRIC + Common Costs	E9388+E9398		\$0.35
0100 ILLING I Johnnon Oosts	LUUUTLUUU		ψυ.υυ

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\$0.17

0.24

Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

Total For Service:

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	Ď	Ē	F	G	Н	l
						B * (C Thru F)		H * (G/60)
OUEDV TIME now atation line								
QUERY TIME, per station line								
<u>*ADD*</u>								
-RCMAC								
.66 & .34 probability is % by switch type								
.70 probability reflects 30% reduction to work time estimates ordered								
Translations - SW2	1	0.340	0.700			0.24	\$43.81	\$0.17
To the department of the second of the secon						0.04		00.47
Subtotal - RCMAC						0.24		\$0.17

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Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	[
						B * (C Thru F)		H * (G/60)

QUERY TIME, per station line (con't)

9452 Direct Cost			\$0.17
9453			
9454	Cost	Cost	
9455	Calculation	Factor	Cost
9456	ВС	D	E
9457 Directly Assigned			
9458 Product Management Expense	D9458*E9452	0.040393	\$0.01
9459 Sales Expense	D9459*E9452	0.014960	\$0.00
9460 Product Advertising Expense	D9460*E9452	0.000000	\$0.00
9461 Business Fees (Other Operating Taxes)	D9461*Sum(E9452:E9460)	0.042595	<u>\$0.01</u>
9462 Directly Assigned Costs	Sum(E9452:E9461)		\$0.02
9463			
9464 Total Direct Costs	E9452+E9462		\$0.19
9465			
9466 Directly Attributed			_
9467 Network Operations	D9467*E9464	0.056129	\$0.01
9468 Network Support Assets	D9468*E9464	0.014074	\$0.00
9469 General Support Assets	D9469*E9464	0.057904	\$0.01
9470 General Purpose Computers	D9470*E9464	0.040926	\$0.01
9471 Uncollectible	D9471*E9464	0.001136	\$0.00
9472 Accounting & Finance Expense	D9472*E9464	0.010471	\$0.00
9473 Human Resources Expense	D9473*E9464	0.009808	\$0.00
9474 Information Management Expense	D9474*E9464	0.068149	\$0.01
9475 Intangibles	D9475*E9464	0.002634	\$0.00
9476 Directly Attributed Costs	Sum(E9467:E9475)		\$0.05
9477			00.04
9478 TELRIC	E9467+E9476		\$0.24
9479			
9480 Common	D0.404+E0.470	0.000050	# 0.00
9481 Executive Expense	D9481*E9478	0.008052	\$0.00
9482 Planning Expense	D9482*E9478	0.000682	\$0.00
9483 External Relations Expense	D9483*E9478	0.009631	\$0.00
9484 Legal Expense	D9484*E9478	0.007338	\$0.00
9485 Other Procurement Expense	D9485*E9478	0.002772	\$0.00
9486 Research & Development Expense	D9486*E9478	0.000042	\$0.00
9487 Other General and Admin Expense	D9487*E9478	0.019104	\$0.00
9488 Common Costs	Sum(E9481:E9487)		\$0.01
9489	F0470 - F0400		60.05
9490 TELRIC + Common Costs	E9478+E9488		\$0.25

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\$0.17

Date: 01/17/03

0.24

Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

Total For Service:

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G	Н	ı
						B * (C Thru F)		H * (G/60)
STATION CAMP-ON, per main line, per line								
ADD								
-RCMAC								
.66 & .34 probability is % by switch type								
.70 probability reflects 30% reduction to work time estimates ordered								
Translations - SW2	1	0.3	40 0.700			0.24	\$43.81	\$0.17
								A0.4=
Subtotal - RCMAC						0.24		\$0.17

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Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G	Н	
						B * (C Thru F)		H * (G/60)

STATION CAMP-ON, per main line, per line (con't)

9542 Direct Cost			\$0.17
9543			
9544	Cost	Cost	
9545	Calculation	Factor	Cost
9546	ВС	D	Е
9547 Directly Assigned	<u>-</u>		
9548 Product Management Expense	D9548*E9542	0.040393	\$0.01
9549 Sales Expense	D9549*E9542	0.014960	\$0.00
9550 Product Advertising Expense	D9550*E9542	0.000000	\$0.00
9551 Business Fees (Other Operating Taxes)	D9551*Sum(E9542:E9550)	0.042595	\$0.01
9552 Directly Assigned Costs	Sum(E9542:E9551)		\$0.02
9553			
9554 Total Direct Costs	E9542+E9552		\$0.19
9555			
9556 Directly Attributed			
9557 Network Operations	D9557*E9554	0.056129	\$0.01
9558 Network Support Assets	D9558*E9554	0.014074	\$0.00
9559 General Support Assets	D9559*E9554	0.057904	\$0.01
9560 General Purpose Computers	D9560*E9554	0.040926	\$0.01
9561 Uncollectible	D9561*E9554	0.001136	\$0.00
9562 Accounting & Finance Expense	D9562*E9554	0.010471	\$0.00
9563 Human Resources Expense	D9563*E9554	0.009808	\$0.00
9564 Information Management Expense	D9564*E9554	0.068149	\$0.01
9565 Intangibles	D9565*E9554	0.002634	\$0.00
9566 Directly Attributed Costs	Sum(E9557:E9565)		\$0.05
9567			
9568 TELRIC	E9557+E9566		\$0.24
9569			
9570 Common			
9571 Executive Expense	D9571*E9568	0.008052	\$0.00
9572 Planning Expense	D9572*E9568	0.000682	\$0.00
9573 External Relations Expense	D9573*E9568	0.009631	\$0.00
9574 Legal Expense	D9574*E9568	0.007338	\$0.00
9575 Other Procurement Expense	D9575*E9568	0.002772	\$0.00
9576 Research & Development Expense	D9576*E9568	0.000042	\$0.00
9577 Other General and Admin Expense	D9577*E9568	0.019104	\$0.00
9578 Common Costs	Sum(E9571:E9577)		\$0.01
9579			
9580 TELRIC + Common Costs	E9568+E9578		\$0.25

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Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	
						B * (C Thru F)		H * (G/60)
TIME OF DAY CONTROL FOR ARS - PER SYSTEM								
ADD								
-NROC								
.66 & .34 probability is % by switch type .70 probability reflects 30% reduction to work time estimates ordered								
Administration - sw1	85	0.660	0.700			39.27	\$41.45	\$27.13
Maintenance - sw1	60	0.660	0.700			27.72	\$41.45	\$19.15
Administration - sw2	30	0.340	0.700			7.14	\$41.45	\$4.93
Maintenance - sw2	75	0.340	0.700			17.85	\$41.45	\$12.33
Subtotal - NROC						91.98		\$63.54
Total For Service:						91.98		\$63.54

Qwest Advice No. 3376T Page 228 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	[
						B * (C Thru F)		H * (G/60)

TIME OF DAY CONTROL FOR ARS - PER SYSTEM (con't)

9632 Direct Cost			\$63.54
9633			
9634	Cost	Cost	
9635	Calculation	Factor	Cost
9636	ВС	D	E
9637 Directly Assigned			
9638 Product Management Expense	D9638*E9632	0.040393	\$2.57
9639 Sales Expense	D9639*E9632	0.014960	\$0.95
9640 Product Advertising Expense	D9640*E9632	0.000000	\$0.00
9641 Business Fees (Other Operating Taxes)	D9641*Sum(E9632:E9640)	0.042595	\$2.80
9642 Directly Assigned Costs	Sum(E9632:E9641)		\$6.3
9643			
9644 Total Direct Costs	E9632+E9642		\$69.9
9645			
9646 <i>Directly Attributed</i> 9647 Network Operations	D9647*E9644	0.056129	\$3.9
9648 Network Support Assets	D9647 E9644 D9648*E9644	0.056129	\$0.9
9649 General Support Assets	D9649*E9644	0.014074	\$0.9 \$4.0
9650 General Purpose Computers	D9650*E9644	0.057904	\$4.0 \$2.8
9651 Uncollectible	D9650 E9644 D9651*E9644	0.040926	\$2.0 \$0.0
	D9651 E9644 D9652*E9644		\$0.0 \$0.7
9652 Accounting & Finance Expense	D9652″E9644 D9653*E9644	0.010471 0.009808	\$0.7 \$0.6
9653 Human Resources Expense			
9654 Information Management Expense	D9654*E9644 D9655*E9644	0.068149	\$4.7
9655 Intangibles 9656 Directly Attributed Costs		0.002634	\$0.1
9657	Sum(E9647:E9655)		\$18.2
9658 TELRIC	E9647+E9656		\$88.1
9659			
9660 Common			
9661 Executive Expense	D9661*E9658	0.008052	\$0.7
9662 Planning Expense	D9662*E9658	0.000682	\$0.0
9663 External Relations Expense	D9663*E9658	0.009631	\$0.8
9664 Legal Expense	D9664*E9658	0.007338	\$0.6
9665 Other Procurement Expense	D9665*E9658	0.002772	\$0.2
9666 Research & Development Expense	D9666*E9658	0.000042	\$0.0
9667 Other General and Admin Expense	D9667*E9658	0.019104	\$1.6
9668 Common Costs	Sum(E9661:E9667)		\$4.2
9669			***
9670 TELRIC + Common Costs	E9658+E9668		\$92.38

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Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

Work Item	l ime Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	В	C	D	E	F	G	Н	I
						B * (C Thru F)		H * (G/60)
TIME OF DAY NCOS UPDATED, PER MAIN STATION								
ADD								
-RCMAC .66 & .34 probability is % by switch type .70 probability reflects 30% reduction to work time estimates ordered								
Translations - SW1	1	0.340	0.700			0.24	\$43.81	\$0.17
Subtotal - RCMAC						0.24		\$0.17
-NROC								
.005 probability is times per system divided by 200 lines in system .66 & .34 probability is % by switch type								
.70 probability reflects 30% reduction to work time estimates ordered Administration - SW2	60	0.005	0.340	0.700		0.07	\$41.45	\$0.05
Maintenance - SW2	60	0.005	0.340	0.700		0.07	\$41.45	\$0.05
Subtotal - NROC						0.14		\$0.10
Total For Service:						0.38		\$0.27

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Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	[
						B * (C Thru F)		H * (G/60)

TIME OF DAY NCOS UPDATED, PER MAIN STATION (con't)

9722 Direct Cost			\$0.27
9723	<u></u>		
9724	Cost	Cost	
9725	Calculation	Factor	Cost
9726	ВС	D	E
9727 Directly Assigned			
9728 Product Management Expense	D9728*E9722	0.040393	\$0.01
9729 Sales Expense	D9729*E9722	0.014960	\$0.00
9730 Product Advertising Expense	D9730*E9722	0.000000	\$0.00
9731 Business Fees (Other Operating Taxes)	D9731*Sum(E9722:E9730)	0.042595	<u>\$0.01</u>
9732 Directly Assigned Costs	Sum(E9722:E9731)		\$0.03
9733	F0700 - F0700		<u></u>
9734 Total Direct Costs 9735	E9722+E9732		\$0.30
9735 9736 Directly Attributed			
9737 Network Operations	D9737*E9734	0.056129	\$0.02
9738 Network Support Assets	D9738*E9734	0.014074	\$0.00
9739 General Support Assets	D9739*E9734	0.057904	\$0.02
9740 General Purpose Computers	D9740*E9734	0.040926	\$0.01
9741 Uncollectible	D9741*E9734	0.001136	\$0.00
9742 Accounting & Finance Expense	D9742*E9734	0.010471	\$0.00
9743 Human Resources Expense	D9743*E9734	0.009808	\$0.00
9744 Information Management Expense	D9744*E9734	0.068149	\$0.02
9745 Intangibles	D9745*E9734	0.002634	\$0.00
9746 Directly Attributed Costs	Sum(E9737:E9745)		\$0.08
9747	(70.00
9748 TELRIC	E9737+E9746		\$0.38
9749 9750 Common			
9751 Executive Expense	D9751*E9748	0.008052	\$0.00
9752 Planning Expense	D9752*E9748	0.000682	\$0.00
9753 External Relations Expense	D9753*E9748	0.009631	\$0.00
9754 Legal Expense	D9754*E9748	0.003331	\$0.00
9755 Other Procurement Expense	D9755*E9748	0.002772	\$0.00
9756 Research & Development Expense	D9756*E9748	0.000042	\$0.00
9757 Other General and Admin Expense	D9757*E9748	0.019104	\$0.00
9758 Common Costs	Sum(E9751:E9757)	3.310104	\$0.02
9759			Ψ0.02
9760 TELRIC + Common Costs	E9748+E9758		\$0.40

Qwest Advice No. 3376T Page 231 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A Study Year: 2001

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	В	С	D	E	F	G B * (C Thru F)	Н	I H * (G/60)
TIME OF DAY ROUTING, per line								
<u>*ADD*</u>								
-RCMAC .66 & .34 probability is % by switch type .70 probability reflects 30% reduction to work time estimates ordered Translations - SW2	1	0.340	0.700			0.24	\$43.81	\$0.17
Subtotal - RCMAC						0.24		\$0.17
-NROC .005 probability is times per system divided by 200 lines in system .66 & .34 probability is % by switch type .70 probability reflects 30% reduction to work time estimates ordered Administration - sw2 Maintenance - sw2	30 75	0.005 0.005	0.340 0.340	0.700 0.700		0.04 0.09	\$41.45 \$41.45	\$0.02 \$0.06
Subtotal - NROC						0.12		\$0.09
Total For Service:	·					0.36		\$0.26

Qwest Advice No. 3376T Page 232 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	[
						B * (C Thru F)		H * (G/60)

TIME OF DAY ROUTING, per line (con't)

9812 Direct Cost			\$0.26
9813			
9814	Cost	Cost	
9815	Calculation	Factor	Cost
9816	ВС	D	E
9817 Directly Assigned			
9818 Product Management Expense	D9818*E9812	0.040393	\$0.01
9819 Sales Expense	D9819*E9812	0.014960	\$0.00
9820 Product Advertising Expense	D9820*E9812	0.000000	\$0.00
9821 Business Fees (Other Operating Taxes)	D9821*Sum(E9812:E9820)	0.042595	\$0.01
9822 Directly Assigned Costs	Sum(E9812:E9821)		\$0.03
9823	· · · · · · · · · · · · · · · · · · ·		
9824 Total Direct Costs	E9812+E9822		\$0.29
9825			
9826 Directly Attributed			
9827 Network Operations	D9827*E9824	0.056129	\$0.02
9828 Network Support Assets	D9828*E9824	0.014074	\$0.00
9829 General Support Assets	D9829*E9824	0.057904	\$0.02
9830 General Purpose Computers	D9830*E9824	0.040926	\$0.01
9831 Uncollectible	D9831*E9824	0.001136	\$0.00
9832 Accounting & Finance Expense	D9832*E9824	0.010471	\$0.00
9833 Human Resources Expense	D9833*E9824	0.009808	\$0.00
9834 Information Management Expense	D9834*E9824	0.068149	\$0.02
9835 Intangibles	D9835*E9824	0.002634	\$0.00
9836 Directly Attributed Costs	Sum(E9827:E9835)		\$0.07
9837			
9838 TELRIC	E9827+E9836		\$0.36
9839			
9840 Common			
9841 Executive Expense	D9841*E9838	0.008052	\$0.00
9842 Planning Expense	D9842*E9838	0.000682	\$0.00
9843 External Relations Expense	D9843*E9838	0.009631	\$0.00
9844 Legal Expense	D9844*E9838	0.007338	\$0.00
9845 Other Procurement Expense	D9845*E9838	0.002772	\$0.00
9846 Research & Development Expense	D9846*E9838	0.000042	\$0.00
9847 Other General and Admin Expense	D9847*E9838	0.019104	\$0.01
9848 Common Costs	Sum(E9841:E9847)		\$0.02
9849			
9850 TELRIC + Common Costs	E9838+E9848		\$0.38

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Study Name: PART D FINAL ORDER NRC STUDY 7246 A Study Year: 2001

Analyst: Deffley/Eoriatti

Product Group: Interconnection

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	В	С	D	Е	F	G B * (C Thru F)	Н	I H * (G/60)
TRUNK VERIFICATION FROM DESIGNATED STATION, PER LINE EQUIPPED								
ADD								
-RCMAC .66 & .34 probability is % by switch type .70 probability reflects 30% reduction to work time estimates ordered Translations - SW2	1	0.340	0.700			0.24	\$43.81	\$0.17
Subtotal - RCMAC						0.24		\$0.17
-NROC .005 probability is times per system divided by 200 lines in system .66 & .34 probability is % by switch type .70 probability reflects 30% reduction to work time estimates ordered Administration - sw2 Maintenance - sw2	15 15	0.005 0.005	0.340 0.340	0.700 0.700		0.02 0.02	\$41.45 \$41.45	\$0.01 \$0.01
Subtotal - NROC						0.04		\$0.02
Total For Service:						0.27		\$0.20

Qwest Advice No. 3376T Page 234 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	[
						B * (C Thru F)		H * (G/60)

TRUNK VERIFICATION FROM DESIGNATED STATION, PER LINE EQUIPPED (con't)

9902 Direct Cost			\$0.20
9903			
9904	Cost	Cost	
9905	Calculation	Factor	Cost
9906	ВС	D	E
9907 Directly Assigned			
9908 Product Management Expense	D9908*E9902	0.040393	\$0.01
9909 Sales Expense	D9909*E9902	0.014960	\$0.00
9910 Product Advertising Expense	D9910*E9902	0.000000	\$0.00
9911 Business Fees (Other Operating Taxes)	D9911*Sum(E9902:E9910)	0.042595	\$0.01
9912 Directly Assigned Costs	Sum(E9902:E9911)		\$0.02
9913			•
9914 Total Direct Costs	E9902+E9912		\$0.22
9915			
9916 Directly Attributed			
9917 Network Operations	D9917*E9914	0.056129	\$0.01
9918 Network Support Assets	D9918*E9914	0.014074	\$0.00
9919 General Support Assets	D9919*E9914	0.057904	\$0.01
9920 General Purpose Computers	D9920*E9914	0.040926	\$0.01
9921 Uncollectible	D9921*E9914	0.001136	\$0.00
9922 Accounting & Finance Expense	D9922*E9914	0.010471	\$0.00
9923 Human Resources Expense	D9923*E9914	0.009808	\$0.00
9924 Information Management Expense	D9924*E9914	0.068149	\$0.01
9925 Intangibles	D9925*E9914	0.002634	\$0.00
9926 Directly Attributed Costs	Sum(E9917:E9925)		\$0.06
9927			
9928 TELRIC	E9917+E9926		\$0.28
9929			
9930 Common			
9931 Executive Expense	D9931*E9928	0.008052	\$0.00
9932 Planning Expense	D9932*E9928	0.000682	\$0.00
9933 External Relations Expense	D9933*E9928	0.009631	\$0.00
9934 Legal Expense	D9934*E9928	0.007338	\$0.00
9935 Other Procurement Expense	D9935*E9928	0.002772	\$0.00
9936 Research & Development Expense	D9936*E9928	0.000042	\$0.00
9937 Other General and Admin Expense	D9937*E9928	0.019104	\$0.01
9938 Common Costs	Sum(E9931:E9937)		\$0.01
9939			
9940 TELRIC + Common Costs	E9928+E9938		\$0.29

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\$0.34

0.46 \$43.81

Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G	Н	
						B * (C Thru F)		H * (G/60)

UCD - IN HUNT GROUP, incl. Queuing, Music on Queue, & Delay Announcement, per line

ADD

-RCMAC

.66 & .34 probability is % by switch type
.70 probability reflects 30% reduction to work time estimates ordered
Translations - SW1

Subtotal - RCMAC 0.46 \$0.34

0.660

0.700

0.46 \$0.34 Total For Service:

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Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	
						B * (C Thru F)		H * (G/60)

UCD - IN HUNT GROUP, incl. Queuing, Music on Queue, & Delay Announcement, per line (con't)

9992 Direct Cost			\$0.34
9993			
9994	Cost	Cost	
9995	Calculation	Factor	Cost
9996	ВС	D	E
9997 Directly Assigned			
9998 Product Management Expense	D9998*E9992	0.040393	\$0.01
9999 Sales Expense	D9999*E9992	0.014960	\$0.01
10000 Product Advertising Expense	D10000*E9992	0.000000	\$0.00
10001 Business Fees (Other Operating Taxes)	D10001*Sum(E9992:E10000)	0.042595	<u>\$0.02</u>
10002 Directly Assigned Costs	Sum(E9992:E10001)		\$0.03
10003			
10004 Total Direct Costs	E9992+E10002		\$0.37
10005			
10006 Directly Attributed			
10007 Network Operations	D10007*E10004	0.056129	\$0.02
10008 Network Support Assets	D10008*E10004	0.014074	\$0.01
10009 General Support Assets	D10009*E10004	0.057904	\$0.02
10010 General Purpose Computers	D10010*E10004	0.040926	\$0.02
10011 Uncollectible	D10011*E10004	0.001136	\$0.00
10012 Accounting & Finance Expense	D10012*E10004	0.010471	\$0.00
10013 Human Resources Expense	D10013*E10004	0.009808	\$0.00
10014 Information Management Expense	D10014*E10004	0.068149	\$0.03
10015 Intangibles	D10015*E10004	0.002634	\$0.00
10016 Directly Attributed Costs	Sum(E10007:E10015)		\$0.10
10017			
10018 TELRIC	E10007+E10016		\$0.47
10019			
10020 Common			
10021 Executive Expense	D10021*E10018	0.008052	\$0.00
10022 Planning Expense	D10022*E10018	0.000682	\$0.00
10023 External Relations Expense	D10023*E10018	0.009631	\$0.00
10024 Legal Expense	D10024*E10018	0.007338	\$0.00
10025 Other Procurement Expense	D10025*E10018	0.002772	\$0.00
10026 Research & Development Expense	D10026*E10018	0.000042	\$0.00
10027 Other General and Admin Expense	D10027*E10018	0.019104	\$0.01
10028 Common Costs	Sum(E10021:E10027)		\$0.02
10029			
10030 TELRIC + Common Costs	E10018+E10028		\$0.49

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Study Name: PART D FINAL ORDER NRC STUDY 7246 A Study Year: 2001

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	В	С	D	E	F	G F	Н	
						B * (C Thru F)		H * (G/60)
CMS - SYSTEM ESTABLISHMENT - INITIAL INSTALLATION								
ADD*								
CUSTOMER COMMUNICATIONS TECHNICIAN								
.66 & .34 probability is % by switch type .70 probability reflects 30% reduction to work time estimates ordered								
Initial training	240	1.000	0.700			168.00	\$43.81	\$122.67
Follow up training - Clarify & cover features	120	1.000	0.700			84.00	\$43.81	\$61.33
Cover enhance to software package	120	1.000	0.700			84.00	\$43.81	\$61.33
Loading CCRS database - Initial system	480	1.000	0.700			336.00	\$43.81	\$245.34
Subtotal - CUSTOMER COMMUNICATIONS TECHNICIAN						672.00		\$490.67
Total For Service:						672.00		\$490.67

Qwest Advice No. 3376T Page 238 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	
						B * (C Thru F)		H * (G/60)

CMS - SYSTEM ESTABLISHMENT - INITIAL INSTALLATION (con't)

10083 10084	Cost	Cost	
10085		actor	Cost
10086	B C	D	E
10087 Directly Assigned	В	D	
10088 Product Management Expense	D10088*E10082	0.040393	\$19.82
10089 Sales Expense	D10000 E10002 D10089*E10082	0.014960	\$7.34
10090 Product Advertising Expense	D10090*E10082	0.000000	\$0.00
10091 Business Fees (Other Operating Taxes)	D10091*Sum(E10082:E10090)	0.042595	\$22.0
10092 Directly Assigned Costs	Sum(E10082:E10091)	0.042000	\$49.2
10093	Gain(210002.210001)		Ψ10.2.
10094 Total Direct Costs	E10082+E10092		\$539.89
10095			Ψ000.00
10096 Directly Attributed			
10097 Network Operations	D10097*E10094	0.056129	\$30.30
10098 Network Support Assets	D10098*E10094	0.014074	\$7.6
10099 General Support Assets	D10099*E10094	0.057904	\$31.2
10100 General Purpose Computers	D10100*E10094	0.040926	\$22.1
10101 Uncollectible	D10101*E10094	0.001136	\$0.6
10102 Accounting & Finance Expense	D10102*E10094	0.010471	\$5.6
10103 Human Resources Expense	D10103*E10094	0.009808	\$5.3
10104 Information Management Expense	D10104*E10094	0.068149	\$36.7
10105 Intangibles	D10105*E10094	0.002634	\$1.4
10106 Directly Attributed Costs	Sum(E10097:E10105)		\$141.0
10107	<u> </u>		
10108 TELRIC	E10097+E10106		\$680.9
10109			
10110 Common			
10111 Executive Expense	D10111*E10108	0.008052	\$5.4
10112 Planning Expense	D10112*E10108	0.000682	\$0.4
10113 External Relations Expense	D10113*E10108	0.009631	\$6.5
10114 Legal Expense	D10114*E10108	0.007338	\$5.0
10115 Other Procurement Expense	D10115*E10108	0.002772	\$1.8
10116 Research & Development Expense	D10116*E10108	0.000042	\$0.0
10117 Other General and Admin Expense	D10117*E10108	0.019104	\$13.0
10118 Common Costs	Sum(E10111:E10117)		\$32.4
10119			
10120 TELRIC + Common Costs	E10108+E10118		\$713.3

Qwest Advice No. 3376T Page 239 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	
						B * (C Thru F)		H * (G/60)
CMS - SYSTEM ESTABLISHMENT - SUBSEQUENT INSTALL ATION								

ADD

-CUSTOMER COMMUNICATIONS TECH
.66 & .34 probability is % by switch type
.70 probability reflects 30% reduction to work time estimates ordered
Loading CCRS database 1.000 0.700 \$245.34 480 336.00 \$43.81

Subtotal - CUSTOMER COMMUNICATIONS TECH	336.00	\$245.34
Total For Service:	336.00	\$245.34

Qwest Advice No. 3376T Page 240 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	[
						B * (C Thru F)		H * (G/60)

CMS - SYSTEM ESTABLISHMENT - SUBSEQUENT INSTALLATION (con't)

10172 Direct Cost			\$245.34
10173			
10174	Cost	Cost	
10175	Calculation	Factor	Cost
10176	ВС	D	E
10177 Directly Assigned			
10178 Product Management Expense	D10178*E10172	0.040393	\$9.91
10179 Sales Expense	D10179*E10172	0.014960	\$3.67
10180 Product Advertising Expense	D10180*E10172	0.000000	\$0.00
10181 Business Fees (Other Operating Taxes)	D10181*Sum(E10172:E10180)	0.042595	<u>\$11.03</u>
10182 Directly Assigned Costs	Sum(E10172:E10181)		\$24.61
10183			•
10184 Total Direct Costs	E10172+E10182		\$269.94
10185			
10186 Directly Attributed			
10187 Network Operations	D10187*E10184	0.056129	\$15.15
10188 Network Support Assets	D10188*E10184	0.014074	\$3.80
10189 General Support Assets	D10189*E10184	0.057904	\$15.63
10190 General Purpose Computers	D10190*E10184	0.040926	\$11.05
10191 Uncollectible	D10191*E10184	0.001136	\$0.31
10192 Accounting & Finance Expense	D10192*E10184	0.010471	\$2.83
10193 Human Resources Expense	D10193*E10184	0.009808	\$2.65
10194 Information Management Expense	D10194*E10184	0.068149	\$18.40
10195 Intangibles	D10195*E10184	0.002634	\$0.71
10196 Directly Attributed Costs	Sum(E10187:E10195)		\$70.52
10197			
10198 TELRIC	E10187+E10196		\$340.46
10199			
10200 Common			
10201 Executive Expense	D10201*E10198	0.008052	\$2.74
10202 Planning Expense	D10202*E10198	0.000682	\$0.23
10203 External Relations Expense	D10203*E10198	0.009631	\$3.28
10204 Legal Expense	D10204*E10198	0.007338	\$2.50
10205 Other Procurement Expense	D10205*E10198	0.002772	\$0.94
10206 Research & Development Expense	D10206*E10198	0.000042	\$0.01
10207 Other General and Admin Expense	D10207*E10198	0.019104	\$6.50
10208 Common Costs	Sum(E10201:E10207)		\$16.21
10209	· · · · · · · · · · · · · · · · · · ·		
10210 TELRIC + Common Costs	E10198+E10208		\$356.68

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Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G	Н	
						B * (C Thru F)		H * (G/60)
CMS - PACKET CONTROL CAPABILITY, PER SYSTEM								
ADD								

-CUSTOMER COMMUNICATIONS TECH

.66 & .34 probability is % by switch type
.70 probability reflects 30% reduction to work time estimates ordered
System installation 480 1.000 0.700 336.00 \$43.81 \$245.34

Subtotal - CUSTOMER COMMUNICATIONS TECH	336.00	\$245.34
Total For Service:	336.00	\$245.34

Qwest Advice No. 3376T Page 242 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	[
						B * (C Thru F)		H * (G/60)

CMS - PACKET CONTROL CAPABILITY, PER SYSTEM (con't)

10263	10262 Direct Cost			\$245.34
Dicase Product Management Expense Dicase Frence Dicase	10263			
10266	10264			
10267 Directly Assigned	10265		Factor	Cost
10268 Product Management Expense 10268*E10262 0.040393 \$9.91 10269*E10262 0.014960 \$3.67 10270*Product Advertising Expense 1010270*E10262 0.000000 \$0.00 10271*Business Fees (Other Operating Taxes) 1010270*E10262 0.000000 \$0.00 10271*Business Fees (Other Operating Taxes) 1010271*Sum(E10262:E10270) 0.04259 \$11.03 10272*Directly Assigned Costs 5um(E10262:E10271) \$2.69.94 10273*Directly Assigned Costs 5um(E10262:E10271) \$2.69.94 10273*Directly Assigned Costs 5um(E10262:E10271) \$2.69.94 10274*Direct Costs 5um(E10262:E10271) \$2.69.94 10275*Directly Attributed 5um of the product of the	10266	ВС	D	E
10268 Sales Expense	10267 Directly Assigned			
10277 Product Advertising Expense 10277 Eta0262	10268 Product Management Expense	D10268*E10262	0.040393	\$9.91
10271 Business Fees (Other Operating Taxes) 10271*Sum(E10262:E10271) 0.042595 \$11.03 10272 10273 10274 10275 10275 10275 10275 10275 10275 10274 10275 10277 102	10269 Sales Expense	D10269*E10262	0.014960	\$3.67
10272 Directly Assigned Costs Sum(E10262:E10271) \$24.61 10273 10275 10276		D10270*E10262	0.000000	\$0.00
10273 10274 Total Direct Costs	10271 Business Fees (Other Operating Taxes)	D10271*Sum(E10262:E10270)	0.042595	\$11.03
10274 Total Direct Costs	10272 Directly Assigned Costs	Sum(E10262:E10271)		\$24.61
10275 10276 Directly Attributed 10277 Network Operations D10277*E10274 0.056129 \$15.15 10278 Network Support Assets D10278*E10274 0.014074 \$3.80 10279 General Support Assets D10279*E10274 0.057904 \$15.63 10280 General Support Assets D10280*E10274 0.06926 \$11.05 10280 Telo274 0.007304 \$15.63 10280 General Purpose Computers D10280*E10274 0.001136 \$0.31 10282 Accounting & Finance Expense D10281*E10274 0.001136 \$0.31 10282 Accounting & Finance Expense D10282*E10274 0.010471 \$2.83 10282 Accounting & Finance Expense D10283*E10274 0.009808 \$2.65 10284 Information Management Expense D10284*E10274 0.068149 \$18.40 10285 Intangibles D10285*E10274 0.0068149 \$18.40 10285 Intangibles D10285*E10274 0.002634 \$0.71 \$0.287 \$1.0287 \$1.				
10276 Directly Attributed 10277 Network Operations 10278 15.15 15.15 10278 Network Operations 10278 10278 10278 10278 10278 102799 10279 10279 10279 10279 10279 10279 10279 102		E10262+E10272		\$269.94
10277 Network Operations				
10278 Network Support Assets D10278*E10274 0.014074 \$3.80 10279 General Support Assets D10279*E10274 0.057904 \$15.63 10280 General Purpose Computers D10280*E10274 0.0040926 \$11.50 10281 Uncollectible D10281*E10274 0.001136 \$0.31 10282 Accounting & Finance Expense D10282*E10274 0.010471 \$2.83 10283 Human Resources Expense D10283*E10274 0.009808 \$2.65 10284 Information Management Expense D10284*E10274 0.008149 \$18.40 10285 Intangibles D10285*E10274 0.0068149 \$18.40 10285 Intangibles D10285*E10274 0.0068149 \$18.40 10285 Intangibles D10285*E10274 0.0068149 \$18.40 10285 Intangibles D10285*E10274 0.0066149 \$10.0075		5		0
10279 General Support Assets				
10280 General Purpose Computers D10280*E10274 0.040926 \$11.05 10281 Uncollectible D10281*E10274 0.040136 \$0.31 10282 Accounting & Finance Expense D10282*E10274 0.010471 \$2.83 10283 Human Resources Expense D10283*E10274 0.009808 \$2.65 10284 Information Management Expense D10284*E10274 0.068149 \$18.40 10285 Intangibles D10285*E10274 0.002634 \$0.71 10286 Directly Attributed Costs Sum(E10277:E10285) \$70.52 10287 Sum(E10277:E10285) \$70.52 10288 TELRIC E10277+E10286 \$340.46 10289 Common \$340.46 10290 Common \$0.00000 \$0.00000 10291 Executive Expense D10291*E10288 0.000852 \$2.74 10292 Planning Expense D10292*E10288 0.000682 \$0.23 10293 External Relations Expense D10293*E10288 0.009631 \$3.28 10295 Other Procurement Expense D10294*E10288 0.002772 \$0.94 10296 Research & Development Expense				
10281 Uncollectible D10281*E10274 0.001136 \$0.31 10282 Accounting & Finance Expense D10282*E10274 0.010471 \$2.83 10283 Human Resources Expense D10283*E10274 0.009808 \$2.65 \$2.63 10284 Information Management Expense D10284*E10274 0.068149 \$18.40 10285 Intangibles D10285*E10274 0.002634 \$0.71 10286 Directly Attributed Costs Sum(E10277:E10285) \$70.52 10287 \$10287 \$10288 TELRIC E10277*E10286 \$340.46 \$10289 \$10290 Common \$10291 E10288 \$0.008052 \$2.74 10292 Planning Expense D10291*E10288 0.000682 \$0.23 \$10292 External Relations Expense D10293*E10288 0.000682 \$0.23 \$10293 External Relations Expense D10294*E10288 0.009631 \$3.28 \$10293 External Relations Expense D10294*E10288 0.007338 \$2.50 \$10295 Cother Procurement Expense D10295*E10288 0.0007338 \$2.50 \$10295 Cother General and Admin Expense D10296*E10288 0.000042 \$0.01 \$10296 Research & Development Expense D10296*E10288 0.000042 \$0.01 \$10296 Cother General and Admin Expense D10296*E10288 0.000042 \$0.01 \$10296 Cother General and Admin Expense D10297*E10288 0.000042 \$0.01 \$0.0000 \$0.000000000000000000000000				
10282 Accounting & Finance Expense D10282*E10274 0.010471 \$2.83 10283 Human Resources Expense D10283*E10274 0.009808 \$2.65 10284 Information Management Expense D10284*E10274 0.068149 \$18.40 10285 Intangibles D10285*E10274 0.002634 \$0.71 10286 Directly Attributed Costs Sum(E10277:E10285) \$77.52 10287 Tole		- 11-11		
10283 Human Resources Expense D10283*E10274 0.009808 \$2.65 10284 Information Management Expense D10284*E10274 0.068149 \$18.40 10285 Intangibles D10285*E10274 0.002634 \$0.71 10286 Directly Attributed Costs Sum(E10277:E10285) \$70.52 10287	10-01 011001101			
10284 Information Management Expense D10284*E10274 0.068149 \$18.40 10285 Intangibles D10285*E10274 0.002634 \$0.71 10286 Directly Attributed Costs Sum(E10277:E10285) \$70.52 10287				
10285 Intangibles D10285*E10274 0.002634 \$0.71 10286 Directly Attributed Costs Sum(E10277:E10285) \$70.52 10287	· ·			
10286 Directly Attributed Costs Sum(E10277:E10285) \$70.52 10287				
10287 10288 TELRIC			0.002634	
10288 TELRIC E10277+E10286 \$340.46 10289 10290 Common		Sum(E10277:E10285)		\$70.52
10289 10290 Common 10291 Executive Expense D10291*E10288 0.008052 \$2.74 10292 Planning Expense D10292*E10288 0.000682 \$0.23 10293 External Relations Expense D10293*E10288 0.009631 \$3.28 10294 Legal Expense D10294*E10288 0.007338 \$2.50 10295 Other Procurement Expense D10295*E10288 0.002772 \$0.94 10296 Research & Development Expense D10296*E10288 0.000042 \$0.01 10297 Other General and Admin Expense D10297*E10288 0.019104 \$6.50 10298 Common Costs Sum(E10291:E10297) \$16.21		F10277±F10286		\$340.46
10290 Common D10291*E10288 0.008052 \$2.74 10292 Planning Expense D10292*E10288 0.000682 \$0.23 10293 External Relations Expense D10293*E10288 0.009631 \$3.28 10294 Legal Expense D10294*E10288 0.0097338 \$2.50 10295 Other Procurement Expense D10295*E10288 0.002772 \$0.94 10296 Research & Development Expense D10295*E10288 0.000042 \$0.01 10297 Other General and Admin Expense D10297*E10288 0.019104 \$6.50 10298 Common Costs Sum(E10291:E10297) \$16.21		EIGEITTEIGEG		φ010.10
10292 Planning Expense D10292*E10288 0.000682 \$0.23 10293 External Relations Expense D10293*E10288 0.009631 \$3.28 10294 Legal Expense D10294*E10288 0.007338 \$2.50 10295 Other Procurement Expense D10295*E10288 0.002772 \$0.94 10296 Research & Development Expense D10296*E10288 0.000042 \$0.01 10297 Other General and Admin Expense D10297*E10288 0.019104 \$6.50 10298 Common Costs Sum(E10291:E10297) \$16.21				
10292 Planning Expense D10292*E10288 0.000682 \$0.23 10293 External Relations Expense D10293*E10288 0.009631 \$3.28 10294 Legal Expense D10294*E10288 0.007338 \$2.50 10295 Other Procurement Expense D10295*E10288 0.002772 \$0.94 10296 Research & Development Expense D10296*E10288 0.000042 \$0.51 10297 Other General and Admin Expense D10297*E10288 0.019104 \$6.50 10298 Common Costs Sum(E10291:E10297) \$16.21	10291 Executive Expense	D10291*E10288	0.008052	\$2.74
10293 External Relations Expense D10293*E10288 0.009631 \$3.28 10294 Legal Expense D10294*E10288 0.007338 \$2.50 10295 Other Procurement Expense D10295*E10288 0.002772 \$0.94 10296 Research & Development Expense D10296*E10288 0.000042 \$0.01 10297 Other General and Admin Expense D10297*E10288 0.019104 \$6.50 10298 Common Costs Sum(E10291:E10297) \$16.21				
10294 Legal Expense D10294*E10288 0.007338 \$2.50 10295 Other Procurement Expense D10295*E10288 0.002772 \$0.94 10296 Research & Development Expense D10296*E10288 0.000042 \$0.01 10297 Other General and Admin Expense D10297*E10288 0.019104 \$6.50 10298 Common Costs Sum(E10291:E10297) \$16.21		D10293*E10288		
10295 Other Procurement Expense D10295*E10288 0.002772 \$0.94 10296 Research & Development Expense D10296*E10288 0.000042 \$0.01 10297 Other General and Admin Expense D10297*E10288 0.019104 \$6.50 10298 Common Costs Sum(E10291:E10297) \$16.21		D10294*E10288	0.007338	
10296 Research & Development Expense D10296*E10288 0.000042 \$0.01 10297 Other General and Admin Expense D10297*E10288 0.019104 \$6.50 10298 Common Costs Sum(E10291:E10297) \$16.21 10299		D10295*E10288	0.002772	
10297 Other General and Admin Expense D10297*E10288 0.019104 \$6.50 10298 Common Costs Sum(E10291:E10297) \$16.21 10299		D10296*E10288	0.000042	
10298 Common Costs Sum(E10291:E10297) \$16.21 10299		D10297*E10288		
		Sum(E10291:E10297)		\$16.21
10300 TELRIC + Common Costs E10288+E10298 \$356.68	10299	,		
	10300 TELRIC + Common Costs	E10288+E10298		\$356.68

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Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G B * (C Thru F)	Н	I H * (G/60)
R-P - SERVICE ESTABLISHMENT CHARGE, INITIAL INSTALLATION INSTALL								
<u>D*</u>								
JS/GOV SERVICE CENTER								
Additional time required to establish SMDR-P per centrex System Interface with customer, gather required information, negotiate due dates Prob #1 = Probability of occurrence								
.70 probability reflects 30% reduction to work time estimates ordered Negotiate feature establishment	30	1.000	0.700			21.00	\$39.16	\$13
Issue form RG41-0057 to complex translations to provision service and to BGS carrier service delivery system to validate numbers and build SMDR tables								
Prob #1 = Probability of occurrence .70 probability reflects 30% reduction to work time estimates ordered Comp & issue Form RG41-0057	30	1.000	0.700			21.00	\$39.16	\$13
Additional service order time to establish billing Prob #1 = Probability of occurrence .70 probability reflects 30% reduction to work time estimates ordered								
Issue service order	5	1.000	0.700			3.50	\$39.16	\$2
total - BUS/GOV SERVICE CENTER						45.50		\$29
IIQUE PRODUCT & SERVICE GROUP								
Carrier service delivery system - Customer Communications Tech Time required to build SMDR table from Form RG41-0057 Prob #1 = Probability of occurrence								
.70 probability reflects 30% reduction to work time estimates ordered Build Table	240	1.000	0.700			168.00	\$37.78	\$105
total - UNIQUE PRODUCT & SERVICE GROUP						168.00		\$105
DMPLEX TRANSLATIONS - NROC - ADMINISTRATION								
Prob #1 = Probability of occurrence .70 probability reflects 30% reduction to work time estimates ordered								
Administrative	15	1.000	0.700			10.50	\$41.45	\$7
ototal - COMPLEX TRANSLATIONS - NROC - ADMINISTRATION						10.50		\$7

-COMPLEX TRANSLATIONS - NROC - MAINTENANCE

Prob #1 = Probability of occurrence
.70 probability reflects 30% reduction to work time estimates ordered

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Study Name: PART D FINAL ORDER NRC STUDY 7246 A Study Year: 2001

Analyst: Deffley/Eoriatti
Product Group: Interconnection

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G	Н	
						B * (C Thru F)		H * (G/60)
SMDR-P - SERVICE ESTABLISHMENT CHARGE, INITIAL INSTALLATION INSTALL (con't)								
Maintenance	45	1.000	0.700			31.50	\$41.45	\$21.76
Subtotal - COMPLEX TRANSLATIONS - NROC - MAINTENANCE						31.50		\$21.76
-SERVICE ORDER ENTRY CENTER								
Additional order entry time								
Prob #1 = % of time additional order entry time is required								
Prob #2 = % of time manual order entry is required								
.70 probability reflects 30% reduction to work time estimates ordered								
Cent Sys Feature per feature	5	1.000	1.000	0.700		3.50	\$39.16	\$2.28
Subtotal - SERVICE ORDER ENTRY CENTER						3.50		\$2.28
Total For Service:						259.00		\$166.78

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Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G	Н	
						B * (C Thru F)		H * (G/60)

SMDR-P - SERVICE ESTABLISHMENT CHARGE, INITIAL INSTALLATION INSTALL (con't)

10397 Direct Cost			\$166.7
10398			
10399	Cost	Cost	
10400	Calculation	Factor	Cost
10401	ВС	D	E
10402 Directly Assigned			
10403 Product Management Expense	D10403*E10397	0.040393	\$6.7
10404 Sales Expense	D10404*E10397	0.014960	\$2.5
10405 Product Advertising Expense	D10405*E10397	0.000000	\$0.0
10406 Business Fees (Other Operating Taxes)	D10406*Sum(E10397:E10405)	0.042595	\$7.
10407 Directly Assigned Costs	Sum(E10397:E10406)		\$16.
10408			
10409 Total Direct Costs	E10397+E10407		\$183.
10410			
10411 Directly Attributed			
10412 Network Operations	D10412*E10409	0.056129	\$10.3
10413 Network Support Assets	D10413*E10409	0.014074	\$2.
10414 General Support Assets	D10414*E10409	0.057904	\$10.
10415 General Purpose Computers	D10415*E10409	0.040926	\$7.
10416 Uncollectible	D10416*E10409	0.001136	\$0.2
10417 Accounting & Finance Expense	D10417*E10409	0.010471	\$1.9
10418 Human Resources Expense	D10418*E10409	0.009808	\$1.8
10419 Information Management Expense	D10419*E10409	0.068149	\$12.
10420 Intangibles	D10420*E10409	0.002634	\$0.4
10421 Directly Attributed Costs	Sum(E10412:E10420)		\$47.9
10422			
10423 TELRIC	E10412+E10421		\$231.4
10424			
10425 Common			
10426 Executive Expense	D10426*E10423	0.008052	\$1.8
10427 Planning Expense	D10427*E10423	0.000682	\$0.
10428 External Relations Expense	D10428*E10423	0.009631	\$2.2
10429 Legal Expense	D10429*E10423	0.007338	\$1.7
10430 Other Procurement Expense	D10430*E10423	0.002772	\$0.6
10431 Research & Development Expense	D10431*E10423	0.000042	\$0.
10432 Other General and Admin Expense	D10432*E10423	0.019104	\$4.
10433 Common Costs	Sum(E10426:E10432)		\$11.0
10434			
10435 TELRIC + Common Costs	E10423+E10433		\$242.4

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Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

Work Item	I ime Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	В	C	D	E	F	G B * (C Thru F)	Н	I H * (G/60)
SMDR-P - SERVICE ESTABLISHMENT CHARGE, INITIAL INSTALLATION DISCONNECT *DISCONNECT*								
-BGS/GOV CENTER Additional service order time to change billing Prob #1 = Probability of occurrence .70 probability reflects 30% reduction to work time estimates ordered								
Issue Disconnect service order	5	1.000	0.700			3.50	\$39.16	\$2.28
Subtotal - BGS/GOV CENTER						3.50		\$2.28
-SERVICE ORDER ENTRY CENTER Additional order entry time Prob #1 = % of time additional order entry time is required Prob #2 = % of time manual order entry is required .70 probability reflects 30% reduction to work time estimates ordered Disc Cent Sys Feature per feature	5	1.000	0.700			3.50	\$39.16	\$2.28
Subtotal - SERVICE ORDER ENTRY CENTER						3.50		\$2.28
DUDIOLA - OLIVIOL ONDER ENTRY OLIVIER						3.30		ΨΖ.Ζ(
Total For Service:						7.00		\$4.57

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Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	
						B * (C Thru F)		H * (G/60)

SMDR-P - SERVICE ESTABLISHMENT CHARGE, INITIAL INSTALLATION DISCONNECT (con't)

10487 Direct Cost			\$4.57
10488			
10489	Cost	Cost	
10490	Calculation	Factor	Cost
10491	ВС	D	E
10492 Directly Assigned			
10493 Product Management Expense	D10493*E10487	0.040393	\$0.18
10494 Sales Expense	D10494*E10487	0.014960	\$0.07
10495 Product Advertising Expense	D10495*E10487	0.000000	\$0.00
10496 Business Fees (Other Operating Taxes)	D10496*Sum(E10487:E10495)	0.042595	\$0.21
10497 Directly Assigned Costs	Sum(E10487:E10496)		\$0.46
10498			
10499 Total Direct Costs	E10487+E10497		\$5.03
10500			
10501 Directly Attributed			
10502 Network Operations	D10502*E10499	0.056129	\$0.28
10503 Network Support Assets	D10503*E10499	0.014074	\$0.07
10504 General Support Assets	D10504*E10499	0.057904	\$0.29
10505 General Purpose Computers	D10505*E10499	0.040926	\$0.21
10506 Uncollectible	D10506*E10499	0.001136	\$0.01
10507 Accounting & Finance Expense	D10507*E10499	0.010471	\$0.05
10508 Human Resources Expense	D10508*E10499	0.009808	\$0.05
10509 Information Management Expense	D10509*E10499	0.068149	\$0.34
10510 Intangibles	D10510*E10499	0.002634	\$0.01
10511 Directly Attributed Costs	Sum(E10502:E10510)		\$1.31
10512			
10513 TELRIC	E10502+E10511		\$6.34
10514			
10515 Common			
10516 Executive Expense	D10516*E10513	0.008052	\$0.05
10517 Planning Expense	D10517*E10513	0.000682	\$0.00
10518 External Relations Expense	D10518*E10513	0.009631	\$0.06
10519 Legal Expense	D10519*E10513	0.007338	\$0.05
10520 Other Procurement Expense	D10520*E10513	0.002772	\$0.02
10521 Research & Development Expense	D10521*E10513	0.000042	\$0.00
10522 Other General and Admin Expense	D10522*E10513	0.019104	\$0.12
10523 Common Costs	Sum(E10516:E10522)		\$0.30
10524			
10525 TELRIC + Common Costs	E10513+E10523		\$6.64

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Study Name: PART D FINAL ORDER NRC STUDY 7246 A Study Year: 2001

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	В	С	D	E	F	G B * (C Thru F)	Н	I H * (G/60)
SMDR-P - ARCHIVED DATA								
ADD								
-CCT - COMM CUST TECH Rep takes the request and prepares paperwork Prob #1 = Probability of occurrence .70 probability reflects 30% reduction to work time estimates ordered SMDR-P paperwork per request	45	1.000	0.700			31.50	\$43.81	\$23.00
MANAGER Grade 4 manager coordinates work flow & delivery Prob #1 = Probability of occurrence .70 probability reflects 30% reduction to work time estimates ordered SMDR work flow	60	1.000	0.700			42.00	\$56.97	\$39.8
CSA - Computer Systems Administrator Prob #1 = Probability of occurrence .70 probability reflects 30% reduction to work time estimates ordered Tape Transfers	60	1.000	0.700			42.00	\$38.08	\$26.60
Subtotal - CCT - COMM CUST TECH						115.50	•	\$89.5
Total For Service:						115.50		\$89.54

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Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	
						B * (C Thru F)		H * (G/60)

SMDR-P - ARCHIVED DATA (con't)

10578			\$89.54
10579	Cost	Cost	
10580	Calculation	Factor	Cost
10581	ВС	D	E
10582 Directly Assigned			
10583 Product Management Expense	D10583*E10577	0.040393	\$3.62
10584 Sales Expense	D10584*E10577	0.014960	\$1.34
10585 Product Advertising Expense	D10585*E10577	0.000000	\$0.00
10586 Business Fees (Other Operating Taxes)	D10586*Sum(E10577:E10585)	0.042595	\$4.02
10587 Directly Assigned Costs	Sum(E10577:E10586)		\$8.98
10588			•
10589 Total Direct Costs	E10577+E10587		\$98.52
10590			.
10591 Directly Attributed			
10592 Network Operations	D10592*E10589	0.056129	\$5.53
10593 Network Support Assets	D10593*E10589	0.014074	\$1.39
10594 General Support Assets	D10594*E10589	0.057904	\$5.70
10595 General Purpose Computers	D10595*E10589	0.040926	\$4.03
10596 Uncollectible	D10596*E10589	0.001136	\$0.11
10597 Accounting & Finance Expense	D10597*E10589	0.010471	\$1.03
10598 Human Resources Expense	D10598*E10589	0.009808	\$0.97
10599 Information Management Expense	D10599*E10589	0.068149	\$6.71
10600 Intangibles	D10600*E10589	0.002634	\$0.26
10601 Directly Attributed Costs	Sum(E10592:E10600)		\$25.74
10602			
10603 TELRIC	E10592+E10601		\$124.25
10604			
10605 Common			
10606 Executive Expense	D10606*E10603	0.008052	\$1.00
10607 Planning Expense	D10607*E10603	0.000682	\$0.08
10608 External Relations Expense	D10608*E10603	0.009631	\$1.20
10609 Legal Expense	D10609*E10603	0.007338	\$0.91
10610 Other Procurement Expense	D10610*E10603	0.002772	\$0.34
10611 Research & Development Expense	D10611*E10603	0.000042	\$0.01
10612 Other General and Admin Expense	D10612*E10603	0.019104	\$2.37
10613 Common Costs	Sum(E10606:E10612)		\$5.92
10614			
10615 TELRIC + Common Costs	E10603+E10613		\$130.17

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Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
В	С	D	E	F	G	Н	
					B * (C Thru F)		H * (G/60)
6	1.000)			6.00	\$40.03	\$4.00
							64.00
					6.00		\$4.00
					6.00		\$4.00
	Minutes B	Minutes #1 B C	Minutes #1 #2 B C D	Minutes #1 #2 #3 B C D E	Minutes #1 #2 #3 #4 B C D E F	Minutes #1 #2 #3 #4 (Minutes) B C D E F G B*(C Thru F) 6 1.000 6.00	Minutes #1 #2 #3 #4 (Minutes) /Hour B C D E F G H B * (C Thru F) B * (C Thru F) 6.00 \$40.03

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Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	[
						B * (C Thru F)		H * (G/60)

9.12.1.4 SUBSEQUENT ORDER CHARGE - MECHANIZED (con't)

10667 Direct Cost			\$4.00
10668			
10669	Cost	Cost	
10670	Calculation	Factor	Cost
10671	ВС	D	E
10672 Directly Assigned			
10673 Product Management Expense	D10673*E10667	0.040393	\$0.16
10674 Sales Expense	D10674*E10667	0.014960	\$0.06
10675 Product Advertising Expense	D10675*E10667	0.000000	\$0.00
10676 Business Fees (Other Operating Taxes)	D10676*Sum(E10667:E10675)	0.042595	\$0.18
10677 Directly Assigned Costs	Sum(E10667:E10676)		\$0.40
10678			
10679 Total Direct Costs	E10667+E10677		\$4.40
10680			
10681 Directly Attributed			
10682 Network Operations	D10682*E10679	0.056129	\$0.25
10683 Network Support Assets	D10683*E10679	0.014074	\$0.06
10684 General Support Assets	D10684*E10679	0.057904	\$0.26
10685 General Purpose Computers	D10685*E10679	0.040926	\$0.18
10686 Uncollectible	D10686*E10679	0.001136	\$0.01
10687 Accounting & Finance Expense	D10687*E10679	0.010471	\$0.05
10688 Human Resources Expense	D10688*E10679	0.009808	\$0.04
10689 Information Management Expense	D10689*E10679	0.068149	\$0.30
10690 Intangibles	D10690*E10679	0.002634	\$0.01
10691 Directly Attributed Costs	Sum(E10682:E10690)		\$1.15
10692			
10693 TELRIC	E10682+E10691		\$5.56
10694			
10695 Common			
10696 Executive Expense	D10696*E10693	0.008052	\$0.04
10697 Planning Expense	D10697*E10693	0.000682	\$0.00
10698 External Relations Expense	D10698*E10693	0.009631	\$0.05
10699 Legal Expense	D10699*E10693	0.007338	\$0.04
10700 Other Procurement Expense	D10700*E10693	0.002772	\$0.02
10701 Research & Development Expense	D10701*E10693	0.000042	\$0.00
10702 Other General and Admin Expense	D10702*E10693	0.019104	\$0.11
10703 Common Costs	Sum(E10696:E10702)		\$0.26
10704			
10705 TELRIC + Common Costs	E10693+E10703		\$5.82

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\$7.01

10.50

Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

Total For Service:

Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Haur	Cont
Work teni	B	C	#2 D	#3 E	#4 F	(Minutes)	/Hour H	Cost
						B * (C Thru F)		H * (G/60)
9.12.1.4 SUBSEQUENT ORDER CHARGE - MANUAL								
ADD								
-ISC - INTERCONNECT SERVICE CENTER								
NO MANUAL ISC TIMES PREVIOUSLY FILED IN THIS DOCKET, THEREFORE, CURRENT QWEST ISC TIMES APPLIED.								
.70 probability reflects 30% reduction to work time estimates ordered PROVISION SUBSEQUENT ORDER	15	1.000	0.700			10.50	\$40.03	\$7.01
Subtotal - ISC - INTERCONNECT SERVICE CENTER						10.50		\$7.01

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Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	
						B * (C Thru F)		H * (G/60)

9.12.1.4 SUBSEQUENT ORDER CHARGE - MANUAL (con't)

10757 Direct Cost			\$7.01
10758			
10759	Cost	Cost	
10760	Calculation	Factor	Cost
10761	ВС	D	E
10762 Directly Assigned	<u>-</u>		
10763 Product Management Expense	D10763*E10757	0.040393	\$0.28
10764 Sales Expense	D10764*E10757	0.014960	\$0.10
10765 Product Advertising Expense	D10765*E10757	0.000000	\$0.00
10766 Business Fees (Other Operating Taxes)	D10766*Sum(E10757:E10765)	0.042595	\$0.31
10767 Directly Assigned Costs	Sum(E10757:E10766)		\$0.70
10768			
10769 Total Direct Costs	E10757+E10767		\$7.71
10770			
10771 Directly Attributed			
10772 Network Operations	D10772*E10769	0.056129	\$0.43
10773 Network Support Assets	D10773*E10769	0.014074	\$0.11
10774 General Support Assets	D10774*E10769	0.057904	\$0.45
10775 General Purpose Computers	D10775*E10769	0.040926	\$0.32
10776 Uncollectible	D10776*E10769	0.001136	\$0.01
10777 Accounting & Finance Expense	D10777*E10769	0.010471	\$0.08
10778 Human Resources Expense	D10778*E10769	0.009808	\$0.08
10779 Information Management Expense	D10779*E10769	0.068149	\$0.53
10780 Intangibles	D10780*E10769	0.002634	\$0.02
10781 Directly Attributed Costs	Sum(E10772:E10780)		\$2.01
10782			
10783 TELRIC	E10772+E10781		\$9.72
10784			
10785 Common			
10786 Executive Expense	D10786*E10783	0.008052	\$0.08
10787 Planning Expense	D10787*E10783	0.000682	\$0.01
10788 External Relations Expense	D10788*E10783	0.009631	\$0.09
10789 Legal Expense	D10789*E10783	0.007338	\$0.07
10790 Other Procurement Expense	D10790*E10783	0.002772	\$0.03
10791 Research & Development Expense	D10791*E10783	0.000042	\$0.00
10792 Other General and Admin Expense	D10792*E10783	0.019104	\$0.19
10793 Common Costs	Sum(E10786:E10792)		\$0.46
10794			
10795 TELRIC + Common Costs	E10783+E10793		\$10.18

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Study Name: PART D FINAL ORDER NRC STUDY 7246 A Study Year: 2001

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G B * (C Thru F)	Н	I H * (G/60)
DIGITAL LINE SIDE PORT (SUPPORTING BRI ISDN) INSTALL-MECHANIZED								
,								
ADD*								
INTERCONNECTION SERVICE CENTER								
Time estimate(s) ordered by commission staff.								
Process order	6	1.000	0.700			4.20	\$40.03	\$2.80
Subtotal - INTERCONNECTION SERVICE CENTER						4.20		\$2.80
LOOP PROVISIONING CENTER								
.70 probability reflects 30% reduction to work time estimates ordered								
.15 probability is % manual work required. Commision staff ordered.	44.05	0.450	0.700			4.40	007.70	40.74
Clearing time per RMA	11.25	0.150	0.700			1.18	\$37.78	\$0.74
Subtotal - LOOP PROVISIONING CENTER						1.18		\$0.74
RCMAC								
.70 probability reflects 30% reduction to work time estimates ordered								
.66 & .34 probability % by switch type								
Translations - SW1	10	0.660	0.700			4.62	\$43.81	\$3.37
Translations - SW2	7	0.340	0.700			1.67	\$43.81	\$1.22
Subtotal - RCMAC						6.29		\$4.59
DESIGNED SERVICE CENTER - DESIGN								
.70 probability reflects 30% reduction to work time estimates ordered								
.20, .80 .90 probability % of order items that require manual processing	_	0.000	0.700			0.70	04404	#0.50
Order handling/screening GOC order log	5 6	0.200 0.200	0.700 0.700			0.70 0.84	\$44.31 \$44.31	\$0.52 \$0.62
Enter WA mask	5	0.800	0.700			2.80	\$44.31	\$2.07
Circuit design	30	1.000	0.700			21.00	\$44.31	\$15.51
Distribute WORD doc	2	0.900	0.700			1.26	\$44.31	\$0.93
Subtotal - DESIGNED SERVICE CENTER - DESIGN						26.60		\$19.64
CENTRAL OFFICE TECHNICIAN - LNO/CO								
.70 probability reflects 30% reduction to work time estimates ordered								
Analyze Order	5	1.000	0.700			3.50	\$43.81	\$2.56
Complete Cross-Connect	4	1.000	0.700			2.80	\$43.81	\$2.04
Perform Comformance testing	7	1.000	0.700			4.90	\$43.81	\$3.58
Complete DD work status with CCT-I	3 2	1.000 1.000	0.700 0.700			2.10	\$43.81 \$43.81	\$1.53 \$1.02
Post DVA work complete in WFA-DI	2	1.000	0.700			1.40	Ф43.01	\$1.02

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Study Name: PART D FINAL ORDER NRC STUDY 7246 A Study Year: 2001

Analyst: Deffley/Eoriatti
Product Group: Interconnection

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	В	С	D	Е	F	G B * (C Thru F)	Н	I H * (G/60)
DIGITAL LINE SIDE PORT (SUPPORTING BRI ISDN) INSTALL-MECHANIZED (con't)						,		,
Subtotal - CENTRAL OFFICE TECHNICIAN - LNO/CO						14.70		\$10.73
-DESIGN SERVICE CENTER - IMPLEMENTOR								
.70 probability reflects 30% reduction to work time estimates ordered								
Screen Work Force Administration for Circuit	5	1.000	0.700			3.50	\$43.81	\$2.56
Verify LNO completion	5	1.000	0.700			3.50	\$43.81	\$2.56
Monitor Performance testing	15	1.000	0.700			10.50	\$43.81	\$7.67
Notify Co-Provider of work completion	5	1.000	0.700			3.50	\$43.81	\$2.56
Post Order Complete in Work Force Administration- Control Module	10	1.000	0.700			7.00	\$43.81	\$5.11
Subtotal - DESIGN SERVICE CENTER - IMPLEMENTOR						28.00		\$20.44
-CORAC/DISPATCH CENTER								
.70 probability reflects 30% reduction to work time estimates ordered								
.15 probability CRON'd fallout (manual load)								
Screen Order	2	0.150	0.700			0.21	\$37.78	\$0.13
Load work request to Technician	5	0.150	0.700			0.53	\$37.78	\$0.33
Closeout work request with Technician	3	0.150	0.700			0.32	\$37.78	\$0.20
Subtotal - CORAC/DISPATCH CENTER						1.05		\$0.66
-RCMAC								
.66 & .34 probability is % by switch type								
.70 probability reflects 30% reduction to work time estimates ordered								
B CHANNEL CIRCUIT SWITCHED DATA - 5E	8	0.660	0.700			3.70	\$43.81	\$2.70
B CHANNEL CIRCUIT SWITCHED DATA - 3E B CHANNEL CIRCUIT SWITCHED DATA - DMS	δ 8	0.340	0.700			1.90	\$43.81	\$1.39
CALL APPEARANCE - 5E	1	0.660	0.700			0.46	\$43.81	\$0.34
CALL APPEARANCE - DMS	1	0.340	0.700			0.40	\$43.81	\$0.17
CALLER ID BLOCKING, ALL CALL, PER BRS - 5E	1	0.660	0.700			0.46	\$43.81	\$0.34
CALLER ID BLOCKING, ALL CALL, PER BRS - DMS	1	0.340	0.700			0.24	\$43.81	\$0.17
D CHANNEL PACKET SWITCHED DATA - 5E	8	0.660	0.700			3.70	\$43.81	\$2.70
D CHANNEL PACKET SWITCHED DATA - 3E	8	0.340	0.700			1.90	\$43.81	\$1.39
ADDITIONAL CALL APPEARANCE/FEATURE - 5E	1	0.660	0.700			0.46	\$43.81	\$0.34
ADDITIONAL PRIMARY DIRECTORY NUMBER - 5E	1	0.660	0.700			0.46	\$43.81	\$0.34
RINGING NORMAL - DMS	1	0.340	0.700			0.40	\$43.81	\$0.34 \$0.17
X.25 FLOW CONTROL PARAMETER NEGOTIATION, PER CALL - 5E	1	0.660	0.700			0.46	\$43.81	\$0.34
X.25 FLOW CONTROL PARAMETER NEGOTIATION, PER CALL - DMS	1	0.340	0.700			0.24	\$43.81	\$0.17
X.25 LOGICAL CHANNELS - 5E	1	0.660	0.700			0.46	\$43.81	\$0.34
X.25 LOGICAL CHANNELS - DMS	1	0.340	0.700			0.24	\$43.81	\$0.17
X.25 THROUGHOUT CLASS NEGOTIATION, PER CALL - 5E	1	0.660	0.700			0.46	\$43.81	\$0.34
X.25 THROUGHOUT CLASS NEGOTIATION, PER CALL - DMS	1	0.340	0.700			0.24	\$43.81	\$0.17
Subtotal - RCMAC						15.86		\$11.58
Guniolai - Nolino						13.00		φ11.30

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Study Name: PART D FINAL ORDER NRC STUDY 7246 A Study Year: 2001

Analyst: Deffley/Eoriatti
Product Group: Interconnection

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	B	C	D	F	F	G	H	
,	_	· ·	_	_	•	B * (C Thru F)		H * (G/60)
GITAL LINE SIDE PORT (SUPPORTING BRI ISDN) INSTALL-MECHANIZED (con't)								
DMPLEX TRANSLATIONS								
.66 & .34 probability is % by switch type								
.003 probability weighting of SLS line counts to ISDN equipped Central Offices								
(137,938 lines to 382 central offices)								
.70 probability reflects 30% reduction to work time estimates ordered								
COMMON BLOCK - 5E	10	0.660	0.003	0.700		0.01	\$41.45	\$0.0
COMMON BLOCK - 5E	10	0.660	0.003	0.700		0.01	\$41.45	\$0.0
COMMON BLOCK - DMS	335	0.340	0.003	0.700		0.24	\$41.45	\$0.1
COMMON BLOCK - DMS	580	0.340	0.003	0.700		0.41	\$41.45	\$0.2
D CHANNEL PACKET SWITCHED DATA - DMS	15	0.340	0.003	0.700		0.01	\$41.45	\$0.0
D CHANNEL PACKET SWITCHED DATA - DMS	10	0.340	0.003	0.700		0.01	\$41.45	\$0.0
CALLER ID BLOCKING, PER BRS - DMS	10	0.340	0.003	0.700		0.01	\$41.45	\$0.0
CALLER ID BLOCKING, PER BRS - DMS	5	0.340	0.003	0.700		0.00	\$41.45	\$0.0
.70 probability reflects 30% reduction to work time estimates ordered								
.06 probability average numbe of buttons per configuration group								
.003 probability weighting of SLS line counts to ISDN equipped Central Offices								
(137,938 lines to 382 central offices)								
CONFIGURATION GROUP - ADMINISTRATION	30	0.060	0.003	0.700		0.00	\$41.45	\$0.
PER BUTTON - ADMINISTRATION	7	0.700	0.003	0.70-		0.01	\$41.45	\$0.
CONFIGURATION GROUP - MAINTENANCE	30	0.060	0.003	0.700		0.00	\$41.45	\$0.
PER BUTTON - MAINTENANCE	5	0.700	0.003			0.01	\$41.45	\$0.
total - COMPLEX TRANSLATIONS						0.74		\$0.
al For Service:						98.62		\$71.

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Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G	Н	
						B * (C Thru F)		H * (G/60)

DIGITAL LINE SIDE PORT (SUPPORTING BRI ISDN) INSTALL-MECHANIZED (con't)

10939	Cost	Cost	
10940	Calculation	Factor	Cost
10941	В С	D	E
10942 Directly Assigned			
10943 Product Management Expense	D10943*E10937	0.040393	\$2.9
10944 Sales Expense	D10944*E10937	0.014960	\$1.0
10945 Product Advertising Expense	D10945*E10937	0.000000	\$0.0
10946 Business Fees (Other Operating Taxes)	D10946*Sum(E10937:E10945)	0.042595	\$3.2
10947 Directly Assigned Costs	Sum(E10937:E10946)		\$7.1
10948	· · · · · · · · · · · · · · · · · · ·		
10949 Total Direct Costs	E10937+E10947		\$78.9
10950			
10951 Directly Attributed			
10952 Network Operations	D10952*E10949	0.056129	\$4.4
10953 Network Support Assets	D10953*E10949	0.014074	\$1.1
10954 General Support Assets	D10954*E10949	0.057904	\$4.5
10955 General Purpose Computers	D10955*E10949	0.040926	\$3.2
10956 Uncollectible	D10956*E10949	0.001136	\$0.0
10957 Accounting & Finance Expense	D10957*E10949	0.010471	\$0.8
10958 Human Resources Expense	D10958*E10949	0.009808	\$0.7
10959 Information Management Expense	D10959*E10949	0.068149	\$5.3
10960 Intangibles	D10960*E10949	0.002634	\$0.2
10961 Directly Attributed Costs	Sum(E10952:E10960)		\$20.6
10962 10963 <i>TELRIC</i>	E10952+E10961		\$99.5
10964	E10932+E10901		φ99.0
10965 Common			
10966 Executive Expense	D10966*E10963	0.008052	\$0.8
10967 Planning Expense	D10967*E10963	0.000682	\$0.0
10968 External Relations Expense	D10968*E10963	0.009631	\$0.9
10969 Legal Expense	D10969*E10963	0.007338	\$0.7
10970 Other Procurement Expense	D10970*E10963	0.002772	\$0.2
10971 Research & Development Expense	D10971*E10963	0.000042	\$0.0
10972 Other General and Admin Expense	D10972*E10963	0.019104	\$1.9
10973 Common Costs	Sum(E10966:E10972)	2.3.0.0	\$4.7
10974			¥

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\$0.74

1.18

Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

Subtotal - LOOP PROVISIONING CENTER

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	В	С	D	E	F	G B * (C Thru F)	Н	I H * (G/60)
DIGITAL LINE SIDE PORT (SUPPORTING BRI ISDN) INSTALL-MANUAL								
ADD								
-INTERCONNECTION SERVICE CENTER								
NO MANUAL ISC TIMES PREVIOUSLY FILED IN THIS DOCKET, THEREFORE, CURRENT QWEST ISC TIMES APPLIED.								
.05, .5, .60 probability of occurrences								
.70 probability reflects 30% reduction to work time estimates ordered Reviews LSR for completeness and accuracy, contractual entries (analyze request to								
determine co-provider, type of order and installation option)								
Receive LSR	3	1.000	0.700			2.10	\$39.16	\$1.37
Verifies CFA or facility/circuit availability	2	0.050	0.700			0.07	\$39.16	\$0.05
Exchange Info-Obtain Central Office, name, address and office type, Access Telephone								
Address Guide to obtain the central office address								
Exchange Info-Obtain Central Office	4	1.000	0.700			2.80	\$39.16	\$1.83
CPPD-lookup billing USOC's for co-provider	2	1.000	0.700			1.40	\$39.16	\$0.91
Summary Bill List-Look up BTN#, tax code, and Bill date	2	1.000	0.700			1.40	\$39.16	\$0.91
Determine if the end user has Qwest directory advertising	1	1.000	0.700			0.70	\$39.16	\$0.46
Determine if the end user has Qwest retail contract	1	1.000	0.700			0.70	\$39.16	\$0.46
Determine critical dates	1	1.000	0.700			0.70	\$39.16	\$0.46
If there is either directory advertising or a retail contract or both, issue the order to remove the information from the account. An estimate of 50% of the accounts will have these.								
Issue appropriate forms and/or orders	2	0.500	0.700			0.70	\$39.16	\$0.46
Populate required fields Customer Request management (CRM)	3	1.000	0.700			2.10	\$39.16	\$1.37
Type, review and submit to customer the Firm Order Confirmation (FOC) Input order into service order processor (manually typing and formatting of all orders for billing and provisioning)	3	1.000	0.700			2.10	\$39.16	\$1.37
Issue service order	10	1.000	0.700			7.00	\$39.16	\$4.57
Ensure order is successfully distributed to the systems and is ready for provisioning (SOAC/SOP)	3	1.000	0.700			2.10	\$39.16	\$1.37
Includes handling calls from other departments working the order	5	0.600	0.700			2.10	\$39.16	\$1.37
Handling of problems on the LSR, provisioining issues such as conditioning, facility problem	S							
cable & pair, and typing problems handled by the center								
Error on Service order (ESOI)	5	0.050	0.700			0.18	\$39.16	\$0.11
Subtotal - INTERCONNECTION SERVICE CENTER						26.15		\$17.06
-LOOP PROVISIONING CENTER								
Prob #1 = times								
.15 'Probability is % manual work required. Commision staff ordered.								
.70 probability reflects 30% reduction to work time estimates ordered								
Clearing time per RMA	11.25	0.150	0.700			1.18	\$37.78	\$0.74

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Study Name: PART D FINAL ORDER NRC STUDY 7246 A Study Year: 2001

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G B * (C Thru F)	Н	I H * (G/60)
DIGITAL LINE CIDE DODT (CURRORTING DRUCCON) INCTALL MANUAL (comb)						, ,		, ,
DIGITAL LINE SIDE PORT (SUPPORTING BRI ISDN) INSTALL-MANUAL (con't)								
-RCMAC								
.66 & .34 probability is % by switch type								
.70 probability reflects 30% reduction to work time estimates ordered Translations - SW1	10	0.660	0.700			4.62	\$43.81	\$3.37
Translations - SW2	7	0.340	0.700			1.67	\$43.81	\$1.22
Subtotal - RCMAC						6.29		\$4.59
Subiotal - RCWAC						0.29		φ 4 .55
-DESIGNED SERVICE CENTER - DESIGN								
.70 probability reflects 30% reduction to work time estimates ordered Order handling/screening	5	0.200	0.700			0.70	\$44.31	\$0.52
GOC order log	6	0.200	0.700			0.70	\$44.31	\$0.62
Enter WA mask	5	0.800	0.700			2.80	\$44.31	\$2.07
Circuit design	30	1.000	0.700			21.00	\$44.31	\$15.51
Distribute WORD doc	2	0.900	0.700			1.26	\$44.31	\$0.93
Subtotal - DESIGNED SERVICE CENTER - DESIGN						26.60		\$19.64
-CENTRAL OFFICE TECHNICIAN - LNO/CO								
.70 probability reflects 30% reduction to work time estimates ordered								
Analyze Order	5	0.700				3.50	\$43.81	\$2.56
Complete Cross-Connect Perform Comformance testing	4 7	0.700 0.700				2.80 4.90	\$43.81 \$43.81	\$2.04 \$3.58
Complete DD work status with CCT-I	3	0.700				2.10	\$43.81	\$1.53
Post DVA work complete in WFA-DI	2	0.700				1.40	\$43.81	\$1.02
Subtotal - CENTRAL OFFICE TECHNICIAN - LNO/CO						14.70		\$10.73
-DESIGN SERVICE CENTER - IMPLEMENTOR								
.70 probability reflects 30% reduction to work time estimates ordered								
Screen Work Force Administration for Circuit	5	0.700				3.50	\$43.81	\$2.56
Verify LNO completion	5	0.700				3.50	\$43.81	\$2.56
Monitor Performance testing Notify Co-Provider of work completion	15 5	0.700 0.700				10.50 3.50	\$43.81 \$43.81	\$7.67 \$2.56
Post Order Complete in Work Force Administration- Control Module	10	0.700				7.00	\$43.81	\$5.11
Subtotal - DESIGN SERVICE CENTER - IMPLEMENTOR						28.00		\$20.44
DESIGN SERVICE SERVER ELIMENTON						20.00		Ψ20.44
-CORAC/DISPATCH CENTER								
.70 probability reflects 30% reduction to work time estimates ordered .15 CRON'd fallout (manual load)								
Screen Order	2	0.150	0.700			0.21	\$37.78	\$0.13
	_							

Qwest Advice No. 3376T Page 260 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti Product Group: Interconnection

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	В	С	D	E	F	G B * (C Thru F)	Н	I H * (G/60)
DIGITAL LINE SIDE PORT (SUPPORTING BRI ISDN) INSTALL-MANUAL (con't)								
Load work request to Technician Closeout work request with Technician	5 3	0.150 0.150	0.700 0.700			0.53 0.32	\$37.78 \$37.78	\$0.33 \$0.20
'	<u> </u>	0.150	0.700				Ф37.76	·
Subtotal - CORAC/DISPATCH CENTER						1.05		\$0.66
RCMAC								
.66 & .34 probability is % by switch type								
.70 probability reflects 30% reduction to work time estimates ordered B CHANNEL CIRCUIT SWITCHED DATA - 5E	8	0.660	0.700			2.70	\$43.81	\$2.7
B CHANNEL CIRCUIT SWITCHED DATA - 5E B CHANNEL CIRCUIT SWITCHED DATA - DMS	8	0.660	0.700			3.70 1.90	\$43.81 \$43.81	\$∠.7 \$1.3
CALL APPEARANCE - 5E	1	0.660	0.700			0.46	\$43.81	\$0.3
CALL APPEARANCE - DMS	1	0.340	0.700			0.24	\$43.81	\$0.1
CALLER ID BLOCKING, ALL CALL, PER BRS - 5E	1	0.660	0.700			0.46	\$43.81	\$0.3
CALLER ID BLOCKING, ALL CALL, PER BRS - DMS	1	0.340	0.700			0.24	\$43.81	\$0.1
D CHANNEL PACKET SWITCHED DATA - 5E	8	0.660	0.700			3.70	\$43.81	\$2.7
D CHANNEL PACKET SWITCHED DATA - DMS	8	0.340	0.700			1.90	\$43.81	\$1.3
ADDITIONAL CALL APPEARANCE/FEATURE - 5E ADDITIONAL PRIMARY DIRECTORY NUMBER - 5E	1	0.660 0.660	0.700 0.700			0.46 0.46	\$43.81 \$43.81	\$0.3 \$0.3
RINGING NORMAL - DMS	1	0.340	0.700			0.40	\$43.81	\$0.3 \$0.1
X.25 FLOW CONTROL PARAMETER NEGOTIATION, PER CALL - 5E	1	0.660	0.700			0.46	\$43.81	\$0.3
X.25 FLOW CONTROL PARAMETER NEGOTIATION, PER CALL - DMS	1	0.340	0.700			0.24	\$43.81	\$0.1
X.25 LOGICAL CHANNELS - 5E	1	0.660	0.700			0.46	\$43.81	\$0.3
X.25 LOGICAL CHANNELS - DMS	1	0.340	0.700			0.24	\$43.81	\$0.1
X.25 THROUGHOUT CLASS NEGOTIATION, PER CALL - 5E	1	0.660	0.700			0.46	\$43.81	\$0.3
X.25 THROUGHOUT CLASS NEGOTIATION, PER CALL - DMS	1	0.340	0.700			0.24	\$43.81	\$0.1
Subtotal - RCMAC						15.86		\$11.5
COMPLEX TRANSLATIONS								
.66 & .34 probability is % by switch type								
.70 probability reflects 30% reduction to work time estimates ordered								
.003 probability weighting of SLS line counts to ISDN equipped Central Offices								
(137,938 lines to 382 central offices)	4.0			0.700		0.04	044.45	
COMMON BLOCK - 5E COMMON BLOCK - 5E	10 10	0.660 0.660	0.003 0.003	0.700 0.700		0.01 0.01	\$41.45 \$41.45	\$0.0 \$0.0
COMMON BLOCK - DMS	335	0.340	0.003	0.700		0.01	\$41.45 \$41.45	\$0.0 \$0.1
COMMON BLOCK - DMS	580	0.340	0.003	0.700		0.41	\$41.45	\$0.2
D CHANNEL PACKET SWITCHED DATA - DMS	15	0.340	0.003	0.700		0.01	\$41.45	\$0.0
D CHANNEL PACKET SWITCHED DATA - DMS	10	0.340	0.003	0.700		0.01	\$41.45	\$0.0
CALLER ID BLOCKING, PER BRS - DMS	10	0.340	0.003	0.700		0.01	\$41.45	\$0.0
CALLER ID BLOCKING, PER BRS - DMS	5	0.340	0.003	0.700		0.00	\$41.45	\$0.00

^{.70} probability reflects 30% reduction to work time estimates ordered

Qwest Advice No. 3376T Page 261 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A Study Year: 2001

Analyst: Deffley/Eoriatti
Product Group: Interconnection

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G B * (C Thru F)	Н	I H * (G/60)
DIGITAL LINE SIDE PORT (SUPPORTING BRI ISDN) INSTALL-MANUAL (con't)								
.06 probability average numbe of buttons per configuration group								
.003 probability weighting of SLS line counts to ISDN equipped Central Offices								
(137,938 lines to 382 central offices)								
CONFIGURATION GROUP - ADMINISTRATION	30	0.700	0.060	0.003		0.00	\$41.45	\$0.00
PER BUTTON - ADMINISTRATION	7	0.700		0.003		0.01	\$41.45	\$0.01
CONFIGURATION GROUP - MAINTENANCE	30	0.700	0.060	0.003		0.00	\$41.45	\$0.00
PER BUTTON - MAINTENANCE	5	0.700		0.003		0.01	\$41.45	\$0.01
Subtotal - COMPLEX TRANSLATIONS						0.74		\$0.51
Total For Service:						120.57		\$85.98

Qwest Advice No. 3376T Page 262 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	
						B * (C Thru F)		H * (G/60)

DIGITAL LINE SIDE PORT (SUPPORTING BRI ISDN) INSTALL-MANUAL (con't)

11162 Direct Cost			\$85.98
11163			
11164	Cost	Cost	
11165	Calculation	Factor	Cost
11166	ВС	D	E
11167 Directly Assigned	-		
11168 Product Management Expense	D11168*E11162	0.040393	\$3.47
11169 Sales Expense	D11169*E11162	0.014960	\$1.29
11170 Product Advertising Expense	D11170*E11162	0.000000	\$0.00
11171 Business Fees (Other Operating Taxes)	D11171*Sum(E11162:E11170)	0.042595	\$3.86
11172 Directly Assigned Costs	Sum(E11162:E11171)		\$8.62
11173			-
11174 Total Direct Costs	E11162+E11172		\$94.60
11175			
11176 Directly Attributed			
11177 Network Operations	D11177*E11174	0.056129	\$5.31
11178 Network Support Assets	D11178*E11174	0.014074	\$1.33
11179 General Support Assets	D11179*E11174	0.057904	\$5.48
11180 General Purpose Computers	D11180*E11174	0.040926	\$3.87
11181 Uncollectible	D11181*E11174	0.001136	\$0.11
11182 Accounting & Finance Expense	D11182*E11174	0.010471	\$0.99
11183 Human Resources Expense	D11183*E11174	0.009808	\$0.93
11184 Information Management Expense	D11184*E11174	0.068149	\$6.45
11185 Intangibles	D11185*E11174	0.002634	\$0.25
11186 Directly Attributed Costs	Sum(E11177:E11185)		\$24.71
11187			
11188 TELRIC	E11177+E11186		\$119.31
11189			
11190 Common			
11191 Executive Expense	D11191*E11188	0.008052	\$0.96
11192 Planning Expense	D11192*E11188	0.000682	\$0.08
11193 External Relations Expense	D11193*E11188	0.009631	\$1.15
11194 Legal Expense	D11194*E11188	0.007338	\$0.88
11195 Other Procurement Expense	D11195*E11188	0.002772	\$0.33
11196 Research & Development Expense	D11196*E11188	0.000042	\$0.01
11197 Other General and Admin Expense	D11197*E11188	0.019104	\$2.28
11198 Common Costs	Sum(E11191:E11197)		\$5.68
11199			
11200 TELRIC + Common Costs	E11188+E11198		\$124.99

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Study Name: PART D FINAL ORDER NRC STUDY 7246 A Study Year: 2001

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	_
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G B * (C Thru F)	Н	। H * (G/60)
						_ (0,		(2,22)
DIGITAL LINE SIDE PORT (SUPPORTING BRI ISDN) DISCONNECT - MECHANIZED								
DISCONNECT								
-INTERCONNECT SERVICE CENTER								
Time estimate(s) ordered by commission staff.								
Process order	6	1.000				6.00	\$40.03	\$4.00
Subtotal - INTERCONNECT SERVICE CENTER						6.00		\$4.00
-LOOP PROVISIONING CENTER								
.70 probability reflects 30% reduction to work time estimates ordered								
.15 Probability is % manual work required. Commision staff ordered.								
Clearing time per RMA	11.25	0.150	0.700			1.18	\$37.78	\$0.74
Subtotal - LOOP PROVISIONING CENTER						1.18		\$0.74
								* -
-RCMAC								
.70 probability reflects 30% reduction to work time estimates ordered .66 & .34 probability % by switch type								
Translations - SW1	1	0.660	0.700			0.46	\$43.81	\$0.34
Translations - SW2	1	0.340	0.700			0.24	\$43.81	\$0.17
Subtotal - RCMAC						0.70		\$0.51
-DESIGNED SERVICE CENTER - DESIGN .70 probability reflects 30% reduction to work time estimates ordered								
.10 probability % of orders requiring manual processing								
ORDER HANDLING/SCREENING	5	0.100	0.700			0.35	\$44.31	\$0.26
GOC ORDER LOG	6	0.100	0.700			0.42	\$44.31	\$0.31
ENTER WA MASK	5	0.100	0.700			0.35	\$44.31	\$0.26
DISCONNECT CIRCUIT	5	0.100	0.700			0.35	\$44.31	\$0.26
DISTRIBUTE WORD DOC	2	0.100	0.700			0.14	\$44.31	\$0.10
Subtotal - DESIGNED SERVICE CENTER - DESIGN						1.61		\$1.19
-DESIGN SERVICE CENTER - IMPLEMENTOR								
.70 probability reflects 30% reduction to work time estimates ordered								
Screen Work Force Administration for Circuit for order accuracy	5	0.700				3.50	\$43.81	\$2.56
Contact Co-Provider	5	0.700				3.50	\$43.81	\$2.56
Complete order in Work Force Administration - Control Module	5	0.700				3.50	\$43.81	\$2.56
Subtotal - DESIGN SERVICE CENTER - IMPLEMENTOR						10.50		\$7.67
								•

Qwest Advice No. 3376T Page 264 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti Product Group: Interconnection

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	В	C	D	E	F	G	H	l l
						B * (C Thru F)		H * (G/60)
DIGITAL LINE SIDE PORT (SUPPORTING BRI ISDN) DISCONNECT - MECHANIZED (con't)								
-CENTRAL OFFICE TECHNICIAN - LNO/CO								
Time estimate(s) ordered by commission staff.								
Analyze Order	2	1.000				2.00	\$43.81	\$1.46
Remove Cross - connect	3	1.000				3.00	\$43.81	\$2.19
						5.00		***
Subtotal - CENTRAL OFFICE TECHNICIAN - LNO/CO						5.00		\$3.65
-RCMAC								
1st probability is % by switch type								
.70 probability reflects 30% reduction to work time estimates ordered								
B CHANNEL CIRCUIT SWITCHED DATA - 5E	1	0.660	0.700			0.46	\$43.81	\$0.34
B CHANNEL CIRCUIT SWITCHED DATA - DMS	1	0.340	0.700			0.24	\$43.81	\$0.17
CALL APPEARANCE - 5E	1	0.660	0.700			0.46	\$43.81	\$0.34
CALL APPEARANCE - DMS	1	0.340	0.700			0.24	\$43.81	\$0.17
CALLER ID BLOCKING, ALL CALL, PER BRS - 5E	1	0.660	0.700			0.46	\$43.81	\$0.34
CALLER ID BLOCKING, ALL CALL, PER BRS - DMS	1	0.340	0.700			0.24	\$43.81	\$0.17
D CHANNEL PACKET SWITCHED DATA - 5E	1	0.660	0.700			0.46	\$43.81	\$0.34
D CHANNEL PACKET SWITCHED DATA - DMS	1	0.340	0.700			0.24	\$43.81	\$0.17
ADDITIONAL CALL APPEARANCE/FEATURE - 5E	1	0.660	0.700			0.46	\$43.81	\$0.34
ADDITIONAL PRIMARY DIRECTORY NUMBER - 5E	1	0.660	0.700			0.46	\$43.81	\$0.34
RINGING NORMAL - DMS	1	0.340	0.700			0.24	\$43.81	\$0.17
X.25 FLOW CONTROL PARAMETER NEGOTIATION. PER CALL - 5E	1	0.660	0.700			0.46	\$43.81	\$0.34
X.25 FLOW CONTROL PARAMETER NEGOTIATION, PER CALL - DMS	1	0.340	0.700			0.24	\$43.81	\$0.17
X.25 LOGICAL CHANNELS - 5E	1	0.660	0.700			0.46	\$43.81	\$0.34
X.25 LOGICAL CHANNELS - DMS	1	0.340	0.700			0.24	\$43.81	\$0.17
X.25 THROUGHOUT CLASS NEGOTIATION, PER CALL - 5E	1	0.660	0.700			0.46	\$43.81	\$0.34
X.25 THROUGHOUT CLASS NEGOTIATION, PER CALL - DMS	1	0.340	0.700			0.24	\$43.81	\$0.17
Subtotal - RCMAC						6.06		\$4.43
						04.05		000.44
Total For Service:						31.05		\$22.19

Qwest Advice No. 3376T Page 265 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G	Н	
						B * (C Thru F)		H * (G/60)

DIGITAL LINE SIDE PORT (SUPPORTING BRI ISDN) DISCONNECT - MECHANIZED (con't)

11297 Direct Cost 11298			\$22.1
11299	Cost	Cost	
11300	Calculation	Factor	Cost
11301	B C	D	E
11302 Directly Assigned	B 0		
11303 Product Management Expense	D11303*E11297	0.040393	\$0.9
11304 Sales Expense	D11304*E11297	0.014960	\$0.3
11305 Product Advertising Expense	D11305*E11297	0.000000	\$0.0
11306 Business Fees (Other Operating Taxes)	D11306*Sum(E11297:E11305)	0.042595	\$1.0
11307 Directly Assigned Costs	Sum(E11297:E11306)	0.012000	\$2.2
11308			Ψ=
11309 Total Direct Costs	E11297+E11307		\$24.4
11310			•
11311 Directly Attributed			
11312 Network Operations	D11312*E11309	0.056129	\$1.3
11313 Network Support Assets	D11313*E11309	0.014074	\$0.3
11314 General Support Assets	D11314*E11309	0.057904	\$1.4
11315 General Purpose Computers	D11315*E11309	0.040926	\$1.0
11316 Uncollectible	D11316*E11309	0.001136	\$0.0
11317 Accounting & Finance Expense	D11317*E11309	0.010471	\$0.2
11318 Human Resources Expense	D11318*E11309	0.009808	\$0.2
11319 Information Management Expense	D11319*E11309	0.068149	\$1.6
11320 Intangibles	D11320*E11309	0.002634	\$0.0
11321 Directly Attributed Costs	Sum(E11312:E11320)		\$6.3
11322			
11323 TELRIC	E11312+E11321		\$30.7
11324			
11325 Common			
11326 Executive Expense	D11326*E11323	0.008052	\$0.2
11327 Planning Expense	D11327*E11323	0.000682	\$0.0
11328 External Relations Expense	D11328*E11323	0.009631	\$0.3
11329 Legal Expense	D11329*E11323	0.007338	\$0.2
11330 Other Procurement Expense	D11330*E11323	0.002772	\$0.0
11331 Research & Development Expense	D11331*E11323	0.000042	\$0.0
11332 Other General and Admin Expense	D11332*E11323	0.019104	\$0.5
11333 Common Costs	Sum(E11326:E11332)		\$1.4
11334			
11335 TELRIC + Common Costs	E11323+E11333		\$32.2

Qwest Advice No. 3376T Page 266 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	В	С	D	E	F	G B * (C Thru F)	Н	I H * (G/60)
						(/		()
DIGITAL LINE SIDE PORT (SUPPORTING BRI ISDN) DISCONNECT - MANUAL								
DISCONNECT*								
NTERCONNECT SERVICE CENTER								
NO MANUAL ISC TIMES PREVIOUSLY FILED IN THIS DOCKET, THEREFORE, CURRENT QWEST ISC TIMES APPLIED.								
.70 probability reflects 30% reduction to work time estimates ordered Receive LSR	3	0.700				2.10	\$39.16	\$1.3
Verifies existing account (access CSR in BOSS/CARS) and obtains closing bill address	2	0.700				1.40	\$39.16 \$39.16	\$0.9°
Type, review and submit to customer the Firm Order Confirmation (FOC)	2	0.700				1.40	\$39.16	\$0.9
Issue service order Populate required fields Customer Request management (CRM)	10 3	0.700 0.700				7.00 2.10	\$39.16 \$39.16	\$4.5° \$1.3°
Ensure order is successfully distributed to the systems and is ready for provisioning (SOAC/SOP)	3	0.700				2.10	\$39.16	\$1.37
ubtotal - INTERCONNECT SERVICE CENTER						16.10		\$10.5
								·
_OOP PROVISIONING CENTER								
.15 Probability is % manual work required. Commision staff ordered.								
Clearing time per RMA	11.25	0.150	0.700			1.18	\$37.78	\$0.74
ubtotal - LOOP PROVISIONING CENTER						1.18		\$0.74
RCMAC								
.70 probability reflects 30% reduction to work time estimates ordered								
.66 & .34 probability % by switch type Translations - SW1	1	0.660	0.700			0.46	\$43.81	\$0.34
Translations - SW2	1	0.340	0.700			0.40	\$43.81	\$0.17
ubtotal - RCMAC						0.70		\$0.51
						0.10		ψ0.51
DESIGNED SERVICE CENTER - DESIGN								
.70 probability reflects 30% reduction to work time estimates ordered .10 probability % of orders requiring manual processing								
ORDER HANDLING/SCREENING	5	0.100	0.700			0.35	\$44.31	\$0.26
GOC ORDER LOG	6	0.100	0.700			0.42	\$44.31	\$0.3
ENTER WA MASK	5	0.100	0.700			0.35	\$44.31	\$0.20
DISCONNECT CIRCUIT	5	0.100	0.700			0.35	\$44.31	\$0.20
DISTRIBUTE WORD DOC	2	0.100	0.700			0.14	\$44.31	\$0.10
ubtotal - DESIGNED SERVICE CENTER - DESIGN						1.61		\$1.19

-DESIGN SERVICE CENTER - IMPLEMENTOR

Qwest Advice No. 3376T Page 267 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A Study Year: 2001

Analyst: Deffley/Eoriatti
Product Group: Interconnection

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	В	С	D	E	F	G B * (C Thru F)	Н	I H * (G/60)
IGITAL LINE SIDE PORT (SUPPORTING BRI ISDN) DISCONNECT - MANUAL (con't)								
.70 probability reflects 30% reduction to work time estimates ordered								
Screen Work Force Administration for Circuit for order accuracy	5	0.700				3.50	\$43.81	\$2.5
Contact Co-Provider	5	0.700				3.50	\$43.81	\$2.5
Complete order in Work Force Administration - Control Module	5	0.700				3.50	\$43.81	\$2.
ubtotal - DESIGN SERVICE CENTER - IMPLEMENTOR						10.50		\$7.0
CENTRAL OFFICE TECHNICIAN - LNO/CO								
Time estimate(s) ordered by commission staff.								
Analyze Order	2	1.000				2.00	\$43.81	\$1
Remove Cross - connect	3	1.000				3.00	\$43.81	\$2
btotal - CENTRAL OFFICE TECHNICIAN - LNO/CO						5.00		\$3
CMAC								
.70 probability reflects 30% reduction to work time estimates ordered								
.66 & .34 probability is % by switch type								
B CHANNEL CIRCUIT SWITCHED DATA - 5E	1	0.660	0.700			0.46	\$43.81	\$0
B CHANNEL CIRCUIT SWITCHED DATA - DMS	1	0.340	0.700			0.24	\$43.81	\$0
CALL APPEARANCE - 5E	1	0.660	0.700			0.46	\$43.81	\$0
CALL APPEARANCE - DMS	1	0.340	0.700			0.24	\$43.81	\$0
CALLER ID BLOCKING, ALL CALL, PER BRS - 5E	1	0.660	0.700			0.46	\$43.81	\$0
CALLER ID BLOCKING, ALL CALL, PER BRS - DMS	1	0.340	0.700			0.24	\$43.81	\$0
D CHANNEL PACKET SWITCHED DATA - 5E	1	0.660	0.700			0.46	\$43.81	\$0
D CHANNEL PACKET SWITCHED DATA - DMS	1	0.340	0.700			0.24	\$43.81	\$0
ADDITIONAL CALL APPEARANCE/FEATURE - 5E	1	0.660	0.700			0.46	\$43.81	\$0
ADDITIONAL PRIMARY DIRECTORY NUMBER - 5E	1	0.660	0.700			0.46	\$43.81	\$0
RINGING NORMAL - DMS	1	0.340	0.700			0.24	\$43.81	\$0
X.25 FLOW CONTROL PARAMETER NEGOTIATION, PER CALL - 5E	1	0.660	0.700			0.46	\$43.81	\$0
X.25 FLOW CONTROL PARAMETER NEGOTIATION, PER CALL - DMS	1	0.340	0.700			0.24	\$43.81	\$0
X.25 LOGICAL CHANNELS - 5E	1	0.660	0.700			0.46	\$43.81	\$0
X.25 LOGICAL CHANNELS - DMS	i	0.340	0.700			0.24	\$43.81	\$0
X.25 THROUGHOUT CLASS NEGOTIATION. PER CALL - 5E	1	0.660	0.700			0.46	\$43.81	\$0
X.25 THROUGHOUT CLASS NEGOTIATION, PER CALL - DMS	i	0.340	0.700			0.24	\$43.81	\$0
ototal - RCMAC						6.06		\$4
tal For Service:						41.15		\$28

Qwest Advice No. 3376T Page 268 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G	Н	
						B * (C Thru F)		H * (G/60)

DIGITAL LINE SIDE PORT (SUPPORTING BRI ISDN) DISCONNECT - MANUAL (con't)

11432 Direct Cost			\$28.70
11433	<u> </u>		
11434	Cost	Cost	
11435	Calculation	Factor	Cost
11436	ВС	D	E
11437 Directly Assigned	<u>-</u>		
11438 Product Management Expense	D11438*E11432	0.040393	\$1.16
11439 Sales Expense	D11439*E11432	0.014960	\$0.43
11440 Product Advertising Expense	D11440*E11432	0.000000	\$0.00
11441 Business Fees (Other Operating Taxes)	D11441*Sum(E11432:E11440)	0.042595	\$1.29
11442 Directly Assigned Costs	Sum(E11432:E11441)		\$2.88
11443			,
11444 Total Direct Costs	E11432+E11442		\$31.57
11445			-
11446 Directly Attributed			
11447 Network Operations	D11447*E11444	0.056129	\$1.77
11448 Network Support Assets	D11448*E11444	0.014074	\$0.44
11449 General Support Assets	D11449*E11444	0.057904	\$1.83
11450 General Purpose Computers	D11450*E11444	0.040926	\$1.29
11451 Uncollectible	D11451*E11444	0.001136	\$0.04
11452 Accounting & Finance Expense	D11452*E11444	0.010471	\$0.33
11453 Human Resources Expense	D11453*E11444	0.009808	\$0.31
11454 Information Management Expense	D11454*E11444	0.068149	\$2.15
11455 Intangibles	D11455*E11444	0.002634	\$0.08
11456 Directly Attributed Costs	Sum(E11447:E11455)		\$8.25
11457	<u> </u>		
11458 TELRIC	E11447+E11456		\$39.82
11459			
11460 Common			
11461 Executive Expense	D11461*E11458	0.008052	\$0.32
11462 Planning Expense	D11462*E11458	0.000682	\$0.03
11463 External Relations Expense	D11463*E11458	0.009631	\$0.38
11464 Legal Expense	D11464*E11458	0.007338	\$0.29
11465 Other Procurement Expense	D11465*E11458	0.002772	\$0.11
11466 Research & Development Expense	D11466*E11458	0.000042	\$0.00
11467 Other General and Admin Expense	D11467*E11458	0.019104	\$0.76
11468 Common Costs	Sum(E11461:E11467)		\$1.90
11469			
11470 TELRIC + Common Costs	E11458+E11468		\$41.72

Qwest Advice No. 3376T Page 269 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G B * (C Thru F)	Н	I H * (G/60)
UNBUNDLED DS1 DID TRUNK PORT FACILITY INSTALL - MECHANIZED								
ADD								
-INTERCONNECT SERVICE CENTER								
Time estimate(s) ordered by commission staff.								
Process order	6	1.000				6.00	\$40.03	\$4.00
Subtotal - INTERCONNECT SERVICE CENTER						6.00		\$4.00
-DESIGN SERVICE CENTER - DESIGNER								
Prob 1 (.05, .20, .95, .80) are percent orders worked manual versus mechanized.								
.70 probability reflects 30% reduction to work time estimates ordered	45	0.050	0.700			4.50	044.04	04.4
Log and Verify Facility (manual orders) Build and validate Design Related Info (DRI) and Work Authorization (manual orders)	45 6	0.050 0.050	0.700 0.700			1.58 0.21	\$44.31 \$44.31	\$1.1 \$0.1
Build and verify Circuit Design (CD) (manual orders)	15	0.050	0.700			2.10	\$44.31	\$0.1 \$1.5
Distribute Documents	4	1.000	0.700			2.80	\$44.31	\$2.0
Log and Verify Facility (mechanzied orders)	25	0.950	0.700			16.63	\$44.31	\$12.2
Build and validate Design Related Info (DRI) and Work Authorization (mechanized orders)	3	0.950	0.700			2.00	\$44.31	\$1.4
Build and verify Circuit Design (CD) (mechanized orders)	5	0.800	0.700			2.80	\$44.31	\$2.0
Subtotal - DESIGN SERVICE CENTER - DESIGNER						28.11		\$20.76
						20		<u> </u>
-DESIGN SERVICE CENTER - IMPLEMENTOR								
.70 probability reflects 30% reduction to work time estimates ordered Screen Work Force Authorization for circuit	5	0.700				3.50	\$43.81	\$2.56
Verify Local Network Operations for completion	5 5	0.700				3.50	\$43.81	\$2.50 \$2.50
Monitor performance testing	5 15	0.700				10.50	\$43.81	\$7.6°
Nortify co-provider of work completion	5	0.700				3.50	\$43.81	\$2.50
Post order complete in Work Force Administration - control Module	10	0.700				7.00	\$43.81	\$5.1
Subtotal - DESIGN SERVICE CENTER - IMPLEMENTOR						28.00		\$20.44
-CORAC/DISPATCH CENTER								
.70 probability reflects 30% reduction to work time estimates ordered								
.15 probability CRON'd fallout (manual load) Screen Order	2	0.150	0.700			0.21	\$37.78	\$0.13
Load work request to Technician	5	0.150	0.700			0.21	\$37.78 \$37.78	\$0.13 \$0.3
Closeout work request with Technician	3	0.150	0.700			0.32	\$37.78	\$0.20

-CENTRAL OFFICE TECH

Qwest Advice No. 3376T Page 270 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A Study Year: 2001

Analyst: Deffley/Eoriatti
Product Group: Interconnection

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G	Н	
						B * (C Thru F)		H * (G/60)
UNBUNDLED DS1 DID TRUNK PORT FACILITY INSTALL - MECHANIZED (con't)								
.70 probability reflects 30% reduction to work time estimates ordered								
Analyze order	5	0.700				3.50	\$43.81	\$2.56
Complete cross connect	10	0.700				7.00	\$43.81	\$5.11
Perform conformance testing	15	0.700				10.50	\$43.81	\$7.67
Complete DD work status with CCT-I	3	0.700				2.10	\$43.81	\$1.53
Post DVA work complete in WFA-DI	2	0.700				1.40	\$43.81	\$1.02
Subtotal - CENTRAL OFFICE TECH						24.50		\$17.89
Total For Service:						87.66		\$63.75

Qwest Advice No. 3376T Page 271 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	
						B * (C Thru F)		H * (G/60)

UNBUNDLED DS1 DID TRUNK PORT FACILITY INSTALL - MECHANIZED (con't)

11567 Direct Cost			\$63.75
11568	_		
11569	Cost	Cost	
11570	Calculation	Factor	Cost
11571	ВС	D	E
11572 Directly Assigned			
11573 Product Management Expense	D11573*E11567	0.040393	\$2.58
11574 Sales Expense	D11574*E11567	0.014960	\$0.95
11575 Product Advertising Expense	D11575*E11567	0.000000	\$0.00
11576 Business Fees (Other Operating Taxes)	D11576*Sum(E11567:E11575)	0.042595	<u>\$2.87</u>
11577 Directly Assigned Costs	Sum(E11567:E11576)		\$6.39
11578			
11579 Total Direct Costs	E11567+E11577		\$70.15
11580			
11581 Directly Attributed			
11582 Network Operations	D11582*E11579	0.056129	\$3.94
11583 Network Support Assets	D11583*E11579	0.014074	\$0.99
11584 General Support Assets	D11584*E11579	0.057904	\$4.06
11585 General Purpose Computers	D11585*E11579	0.040926	\$2.87
11586 Uncollectible	D11586*E11579	0.001136	\$0.08
11587 Accounting & Finance Expense	D11587*E11579	0.010471	\$0.73
11588 Human Resources Expense	D11588*E11579	0.009808	\$0.69
11589 Information Management Expense	D11589*E11579	0.068149	\$4.78
11590 Intangibles	D11590*E11579	0.002634	\$0.18
11591 Directly Attributed Costs	Sum(E11582:E11590)		\$18.32
11592			
11593 TELRIC	E11582+E11591		\$88.47
11594			
11595 Common			
11596 Executive Expense	D11596*E11593	0.008052	\$0.71
11597 Planning Expense	D11597*E11593	0.000682	\$0.06
11598 External Relations Expense	D11598*E11593	0.009631	\$0.85
11599 Legal Expense	D11599*E11593	0.007338	\$0.65
11600 Other Procurement Expense	D11600*E11593	0.002772	\$0.25
11601 Research & Development Expense	D11601*E11593	0.000042	\$0.00
11602 Other General and Admin Expense	D11602*E11593	0.019104	\$1.69
11603 Common Costs	Sum(E11596:E11602)		\$4.21
11604			
11605 TELRIC + Common Costs	E11593+E11603		\$92.69

Qwest Advice No. 3376T Page 272 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	В	С	D	Е	F	G	Н	
						B * (C Thru F)		H * (G/60)
UNBUNDLED DS1 DID TRUNK PORT FACILITY INSTALL - MANUAL								
<u>*ADD*</u>								
-INTERCONNECT SERVICE CENTER								
NO MANUAL ISC TIMES PREVIOUSLY FILED IN THIS DOCKET, THEREFORE, CURRENT QWEST ISC TIMES APPLIED.								
Prob #1 = .05, .5, .60 probability of occurrences								
.70 probability reflects 30% reduction to work time estimates ordered								
Reviews LSR for completeness and accuracy, contractual entries (analyze request to determine co-provider, type of order and installation option)								
Receive LSR	3	1.000	0.700			2.10	\$39.16	\$1.37
Verifies CFA or facility/circuit availability	2	0.050	0.700			0.07	\$39.16	\$0.05
Exchange Info-Obtain Central Office, name, address and office type, Access Telephone	_						*******	*****
Address Guide to obtain the central office address								
Exchange Info-Obtain Central Office	4	1.000	0.700			2.80	\$39.16	\$1.83
CPPD-lookup billing USOC's for co-provider	2	1.000	0.700			1.40	\$39.16	\$0.91
Summary Bill List-Look up BTN#, tax code, and Bill date	2	1.000	0.700			1.40	\$39.16	\$0.91
Determine if the end user has Qwest directory advertising	1	1.000	0.700			0.70	\$39.16	\$0.46
Determine if the end user has Qwest retail contract	1	1.000	0.700			0.70	\$39.16	\$0.46
Determine critical dates	1	1.000	0.700			0.70	\$39.16	\$0.46
If there is either directory advertising or a retail contract or both, issue the order to remove the information from the account. An estimate of 50% of the accounts will have these.								
Issue appropriate forms and/or orders	2	0.500	0.700			0.70	\$39.16	\$0.46
Populate required fields Customer Request management (CRM)	3	1.000	0.700			2.10	\$39.16	\$1.37
Type, review and submit to customer the Firm Order Confirmation (FOC)	3	1.000	0.700			2.10	\$39.16	\$1.37
Input order into service order processor (manually typing and formatting of all orders for								
billing and provisioning)								
Issue service order	10	1.000	0.700			7.00	\$39.16	\$4.57
Ensure order is successfully distributed to the systems and is ready for provisioning (SOAC/SOP)	3	1.000	0.700			2.10	\$39.16	\$1.37
Includes handling calls from other departments working the order Handling of problems on the LSR, provisioining issues such as conditioning, facility probler	5 15	0.600	0.700			2.10	\$39.16	\$1.37
cable & pair, and typing problems handled by the center								
Error on Service order (ESOI)	5	0.050	0.700			0.18	\$39.16	\$0.11
Subtotal - INTERCONNECT SERVICE CENTER						26.15		\$17.06
-DESIGN SERVICE CENTER - DESIGNER								
Prob 1 (.05, .20, .95, .80) are percent orders worked manual versus mechanized.								
.70 probability reflects 30% reduction to work time estimates ordered	45	0.050	0.700			4.50	C4404	C4.40
Log and Verify Facility (manual orders)	45	0.050	0.700			1.58	\$44.31	\$1.16
Build and validate Design Related Info (DRI) and Work Authorization (manual orders) Build and verify Circuit Design (CD) (manual orders)	6 15	0.050 0.200	0.700 0.700			0.21 2.10	\$44.31 \$44.31	\$0.16 \$1.55
Distribute Documents	15 4	1.000	0.700			2.10	\$44.31 \$44.31	\$1.55 \$2.07
Distribute Documents	4	1.000	0.700			2.00	φ44.31	φ∠.07

Qwest Advice No. 3376T Page 273 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A Study Year: 2001

Analyst: Deffley/Eoriatti
Product Group: Interconnection

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	В	С	D	E	F	G	Н	I
						B * (C Thru F)		H * (G/60)
UNBUNDLED DS1 DID TRUNK PORT FACILITY INSTALL - MANUAL (con't)								
Log and Verify Facility (mechanzied orders)	25	0.950	0.700			16.63	\$44.31	\$12.28
Build and validate Design Related Info (DRI) and Work Authorization (mechanized orders)	3	0.950	0.700			2.00	\$44.31	\$1.47
Build and verify Circuit Design (CD) (mechanized orders)	5	0.800	0.700			2.80	\$44.31	\$2.07
, , , , , , , , , , , , , , , , , , , ,								
Subtotal - DESIGN SERVICE CENTER - DESIGNER						28.11		\$20.76
-DESIGN SERVICE CENTER - IMPLEMENTOR								•
.70 probability reflects 30% reduction to work time estimates ordered								
Screen Work Force Authorization for circuit	5	0.700				3.50	\$43.81	\$2.56
Verify Local Network Operations for completion	5	0.700				3.50	\$43.81	\$2.56
Monitor performance testing	15	0.700				10.50	\$43.81	\$7.67
Nortify co-provider of work completion	5	0.700				3.50	\$43.81	\$2.56
Post order complete in Work Force Administration - control Module	10	0.700				7.00	\$43.81	\$5.11
'							*	* -
Subtotal - DESIGN SERVICE CENTER - IMPLEMENTOR						28.00		\$20.44
-CORAC/DISPATCH CENTER								
.70 probability reflects 30% reduction to work time estimates ordered								
.15 probaility CRON'd fallout (manual load)								
Screen Order	2	0.150	0.700			0.21	\$37.78	\$0.13
Load work request to Technician	5	0.150	0.700			0.53	\$37.78	\$0.33
Closeout work request with Technician	3	0.150	0.700			0.32	\$37.78	\$0.20
	-						******	***
Subtotal - CORAC/DISPATCH CENTER						1.05		\$0.66
-CENTRAL OFFICE TECH								
.70 probability reflects 30% reduction to work time estimates ordered								
Analyze order	5	0.700				3.50	\$43.81	\$2.56
Complete cross connect	10	0.700				7.00	\$43.81	\$5.11
Perform conformance testing	15	0.700				10.50	\$43.81	\$7.67
Complete DD work status with CCT-I	3	0.700				2.10	\$43.81	\$1.53
Post DVA work complete in WFA-DI	2	0.700				1.40	\$43.81	\$1.02
Subtotal - CENTRAL OFFICE TECH						24.50		\$17.89
OUNTOUR OFFICE FEOTI						24.00		ψ11.03
Total For Service:						107.80		\$76.81

Qwest Advice No. 3376T Page 274 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G	Н	
						B * (C Thru F)		H * (G/60)

UNBUNDLED DS1 DID TRUNK PORT FACILITY INSTALL - MANUAL (con't)

11702 Direct Cost			\$76.81
11703			
11704	Cost	Cost	
11705	Calculation	Factor	Cost
11706	ВС	D	Е
11707 Directly Assigned	<u></u>		
11708 Product Management Expense	D11708*E11702	0.040393	\$3.10
11709 Sales Expense	D11709*E11702	0.014960	\$1.15
11710 Product Advertising Expense	D11710*E11702	0.000000	\$0.00
11711 Business Fees (Other Operating Taxes)	D11711*Sum(E11702:E11710)	0.042595	\$3.45
11712 Directly Assigned Costs	Sum(E11702:E11711)		\$7.70
11713			
11714 Total Direct Costs	E11702+E11712		\$84.52
11715			
11716 Directly Attributed			
11717 Network Operations	D11717*E11714	0.056129	\$4.74
11718 Network Support Assets	D11718*E11714	0.014074	\$1.19
11719 General Support Assets	D11719*E11714	0.057904	\$4.89
11720 General Purpose Computers	D11720*E11714	0.040926	\$3.46
11721 Uncollectible	D11721*E11714	0.001136	\$0.10
11722 Accounting & Finance Expense	D11722*E11714	0.010471	\$0.89
11723 Human Resources Expense	D11723*E11714	0.009808	\$0.83
11724 Information Management Expense	D11724*E11714	0.068149	\$5.76
11725 Intangibles	D11725*E11714	0.002634	\$0.22
11726 Directly Attributed Costs	Sum(E11717:E11725)		\$22.08
11727	F44747 F44700		# 400.00
11728 TELRIC 11729	E11717+E11726		\$106.60
11729 11730 Common			
11731 Executive Expense	D11731*E11728	0.008052	\$0.86
11732 Planning Expense	D11731 E11726 D11732*E11728	0.000682	\$0.00
11733 External Relations Expense	D11732 E11728	0.000631	\$1.03
11733 External Relations Expense	D11733 E11726 D11734*E11728	0.009031	\$0.78
11734 Legal Expense 11735 Other Procurement Expense	D11734 E11726 D11735*E11728	0.007336	\$0.76
11735 Other Procurement Expense 11736 Research & Development Expense	D11735°E11728 D11736*E11728	0.002772	\$0.30
11730 Research & Development Expense	D11736 E11726 D11737*E11728	0.000042	\$2.04
11738 Common Costs	Sum(E11731:E11737)	0.019104	\$5.08
11739	Sulli(E11731.E11737)		φ3.06
11740 TELRIC + Common Costs	E11728+E11738		\$111.67
	220.200		Ψ

Qwest Advice No. 3376T Page 275 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A Study Year: 2001

Analyst: Deffley/Eoriatti
Product Group: Interconnection

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	В	С	D	Е	F	G B * (C Thru F)	Н	I H * (G/60)
UNBUNDLED DS1 DID TRUNK PORT FACILITY DISCONNECT - MECHANZIED								
DISCONNECT								
-INTERCONNECT SERVICE CENTER								
Time estimate(s) ordered by commission staff. Process order	6	1.000				6.00	\$40.03	\$4.00
Process order	б	1.000				6.00	\$40.03	\$4.00
Subtotal - INTERCONNECT SERVICE CENTER						6.00		\$4.00
-DESIGN SERVICE CENTER - DESIGNER								
Prob 1 (.05, .95) are pecent orders worked manual versus mechanized.								
.70 probability reflects 30% reduction to work time estimates ordered Log and Verify Facility (manual orders)	8	0.050	0.700			0.28	\$44.31	\$0.21
Build and validate design related info and Work Authorization (manual orders)	5	0.050	0.700			0.18	\$44.31	\$0.13
Build and verify circuit design (manual orders)	3	0.050	0.700			0.11	\$44.31	\$0.08
Distribute Documents	2	1.000	0.700			1.40	\$44.31 \$44.31	\$1.03
Log and Verify Facility (mechanzied orders) Build and validate design related info and Work Authorization (mechanized orders)	3	0.950 0.950	0.700 0.700			2.00 1.33	\$44.31 \$44.31	\$1.47 \$0.98
Build and verify circuit design mechanized orders)	2	0.950	0.700			1.33	\$44.31	\$0.98
Subtotal - DESIGN SERVICE CENTER - DESIGNER						6.62		\$4.89
-DESIGN SERVICE CENTER - IMPLEMENTOR								
.70 probability reflects 30% reduction to work time estimates ordered								
Screen Work Force Authorization for order accuracy	5	0.700				3.50	\$43.81	\$2.56
Contact Co-Provider Complete circuit in Work Force Administration/control Module	5 5	0.700 0.700				3.50 3.50	\$43.81 \$43.81	\$2.56 \$2.56
'	3	0.700					ψ+3.01	,
Subtotal - DESIGN SERVICE CENTER - IMPLEMENTOR						10.50		\$7.67
-CENTRAL OFFICE TECH								
Time estimate(s) ordered by commission staff.								
Prob #1 = occurrences Analyze order	2	1.000				2.00	\$43.81	\$1.46
Remove Cross connect	3	1.000				3.00	\$43.81	\$2.19
Subtotal - CENTRAL OFFICE TECH						5.00		\$3.65
Total For Service:						28.12		\$20.21

Qwest Advice No. 3376T Page 276 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G	Н	
						B * (C Thru F)		H * (G/60)

UNBUNDLED DS1 DID TRUNK PORT FACILITY DISCONNECT - MECHANZIED (con't)

11792 Direct Cost			\$20.21
11793			
11794	Cost	Cost	_
11795	Calculation	Factor	Cost
11796	ВС	D	E
11797 Directly Assigned			
11798 Product Management Expense	D11798*E11792	0.040393	\$0.82
11799 Sales Expense	D11799*E11792	0.014960	\$0.30
11800 Product Advertising Expense	D11800*E11792	0.000000	\$0.00
11801 Business Fees (Other Operating Taxes)	D11801*Sum(E11792:E11800)	0.042595	<u>\$0.91</u>
11802 Directly Assigned Costs	Sum(E11792:E11801)		\$2.03
11803			
11804 Total Direct Costs	E11792+E11802		\$22.23
11805			
11806 Directly Attributed			
11807 Network Operations	D11807*E11804	0.056129	\$1.25
11808 Network Support Assets	D11808*E11804	0.014074	\$0.31
11809 General Support Assets	D11809*E11804	0.057904	\$1.29
11810 General Purpose Computers	D11810*E11804	0.040926	\$0.91
11811 Uncollectible	D11811*E11804	0.001136	\$0.03
11812 Accounting & Finance Expense	D11812*E11804	0.010471	\$0.23
11813 Human Resources Expense	D11813*E11804	0.009808	\$0.22
11814 Information Management Expense	D11814*E11804	0.068149	\$1.52
11815 Intangibles	D11815*E11804	0.002634	\$0.06
11816 Directly Attributed Costs	Sum(E11807:E11815)		\$5.81
11817			
11818 TELRIC	E11807+E11816		\$28.04
11819			
11820 Common			
11821 Executive Expense	D11821*E11818	0.008052	\$0.23
11822 Planning Expense	D11822*E11818	0.000682	\$0.02
11823 External Relations Expense	D11823*E11818	0.009631	\$0.27
11824 Legal Expense	D11824*E11818	0.007338	\$0.21
11825 Other Procurement Expense	D11825*E11818	0.002772	\$0.08
11826 Research & Development Expense	D11826*E11818	0.000042	\$0.00
11827 Other General and Admin Expense	D11827*E11818	0.019104	\$0.54
11828 Common Costs	Sum(E11821:E11827)		\$1.34
11829			
11830 TELRIC + Common Costs	E11818+E11828		\$29.38

Qwest Advice No. 3376T Page 277 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A Study Year: 2001

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G B * (C Thru F)	Н	I H * (G/60)
UNBUNDLED DS1 DID TRUNK PORT FACILITY DISCONNECT - MANUAL								
DISCONNECT								
-INTERCONNECT SERVICE CENTER								
NO MANUAL ISC TIMES PREVIOUSLY FILED IN THIS DOCKET, THEREFORE, CURRENT QWEST ISC TIMES APPLIED.								
.70 probability reflects 30% reduction to work time estimates ordered	_	0.705					0.40.0	A.
Receive LSR	3	0.700				2.10	\$40.03	\$1.40
Verifies existing account (access CSR in BOSS/CARS) and obtains closing bill address Type, review and submit to customer the Firm Order Confirmation (FOC)	2 2	0.700 0.700				1.40 1.40	\$40.03 \$40.03	\$0.93 \$0.93
I spe, review and submit to customer the Firm Order Confirmation (FOC)	10	0.700				7.00	\$40.03 \$40.03	\$0.93 \$4.67
Populate required fields Customer Request management (CRM)	3	0.700				2.10	\$40.03	\$1.40
Ensure order is successfully distributed to the systems and is ready for provisioning (SOAC/SOP)	3	0.700				2.10	\$40.03	\$1.40
Subtotal - INTERCONNECT SERVICE CENTER						16.10		\$10.74
-DESIGN SERVICE CENTER - DESIGNER								
.70 probability reflects 30% reduction to work time estimates ordered								
(.05, .95) probability are pecent orders worked manual versus mechanized.								
Log and Verify Facility (manual orders)	8	0.050	0.700			0.28	\$44.31	\$0.21
Build and validate design related info and Work Authorization (manual orders)	5	0.050	0.700			0.18	\$44.31	\$0.13
Build and verify circuit design (manual orders)	3	0.050	0.700			0.11	\$44.31	\$0.08
Distribute Documents	2	1.000	0.700			1.40	\$44.31	\$1.03
Log and Verify Facility (mechanzied orders)	3	0.950	0.700			2.00	\$44.31	\$1.47
Build and validate design related info and Work Authorization (mechanized orders)	2	0.950	0.700			1.33	\$44.31	\$0.98
Build and verify circuit design mechanized orders)	2	0.950	0.700			1.33	\$44.31	\$0.98
Subtotal - DESIGN SERVICE CENTER - DESIGNER						6.62		\$4.89
-DESIGN SERVICE CENTER - IMPLEMENTOR								
.70 probability reflects 30% reduction to work time estimates ordered								
Screen Work Force Authorization for order accuracy	5	0.700				3.50	\$43.81	\$2.56
Contact Co-Provider	5	0.700				3.50	\$43.81	\$2.56
Complete circuit in Work Force Administration/control Module	5	0.700				3.50	\$43.81	\$2.56
Subtotal - DESIGN SERVICE CENTER - IMPLEMENTOR						10.50		\$7.67
-CENTRAL OFFICE TECH								
Time estimate(s) ordered by commission staff.								
Prob #1 = occurrences								
Analyze order	2	1.000				2.00	\$43.81	\$1.46
Remove Cross connect	3	1.000				3.00	\$43.81	\$2.19

Qwest Advice No. 3376T Page 278 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	В	С	D	E	F	G	Н	
						B * (C Thru F)		H * (G/60)

UNBUNDLED DS1 DID TRUNK PORT FACILITY DISCONNECT - MANUAL (con't)

Subtotal - CENTRAL OFFICE TECH	5.00	\$3.65
Total For Service:	38.22	\$26.94

Qwest Advice No. 3376T Page 279 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	
						B * (C Thru F)		H * (G/60)

UNBUNDLED DS1 DID TRUNK PORT FACILITY DISCONNECT - MANUAL (con't)

11927 Direct Cost			\$26.94
11928			
11929	Cost	Cost	
11930	Calculation	Factor	Cost
11931	ВС	D	E
11932 Directly Assigned			
11933 Product Management Expense	D11933*E11927	0.040393	\$1.09
11934 Sales Expense	D11934*E11927	0.014960	\$0.40
11935 Product Advertising Expense	D11935*E11927	0.000000	\$0.00
11936 Business Fees (Other Operating Taxes)	D11936*Sum(E11927:E11935)	0.042595	\$1.21
11937 Directly Assigned Costs	Sum(E11927:E11936)		\$2.70
11938			
11939 Total Direct Costs	E11927+E11937		\$29.65
11940			
11941 Directly Attributed			
11942 Network Operations	D11942*E11939	0.056129	\$1.66
11943 Network Support Assets	D11943*E11939	0.014074	\$0.42
11944 General Support Assets	D11944*E11939	0.057904	\$1.72
11945 General Purpose Computers	D11945*E11939	0.040926	\$1.21
11946 Uncollectible	D11946*E11939	0.001136	\$0.03
11947 Accounting & Finance Expense	D11947*E11939	0.010471	\$0.31
11948 Human Resources Expense	D11948*E11939	0.009808	\$0.29
11949 Information Management Expense	D11949*E11939	0.068149	\$2.02
11950 Intangibles	D11950*E11939	0.002634	\$0.08
11951 Directly Attributed Costs	Sum(E11942:E11950)		\$7.74
11952			
11953 TELRIC	E11942+E11951		\$37.39
11954			
11955 Common			•••
11956 Executive Expense	D11956*E11953	0.008052	\$0.30
11957 Planning Expense	D11957*E11953	0.000682	\$0.03
11958 External Relations Expense	D11958*E11953	0.009631	\$0.36
11959 Legal Expense	D11959*E11953	0.007338	\$0.27
11960 Other Procurement Expense	D11960*E11953	0.002772	\$0.10
11961 Research & Development Expense	D11961*E11953	0.000042	\$0.00
11962 Other General and Admin Expense	D11962*E11953	0.019104	\$0.71
11963 Common Costs	Sum(E11956:E11962)		\$1.78
11964			***
11965 TELRIC + Common Costs	E11953+E11963		\$39.17

Qwest Advice No. 3376T Page 280 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	В	С	D	Е	F	G B * (C Thru F)	Н	I H * (G/60)
UNBUNDLED (DS0) ANALOG TRUNK PORT - 1ST INSTALL - MECHANIZED								
* <u>ADD*</u>								
-INTERCONNECT SERVICE CENTER								
Time estimate(s) ordered by commission staff. Process order	6	1.000				6.00	\$40.03	\$4.0
Flocess order	0	1.000				0.00	φ40.03	Φ4. 00
Subtotal - INTERCONNECT SERVICE CENTER						6.00		\$4.00
-DESIGN SERVICE CENTER - DESIGNER								
.70 probability reflects 30% reduction to work time estimates ordered								
(.05, .20, .95, .80) probabilities are percent orders worked manual versus mechanized042 probability represents 1/24 of a trunk group. Assumes 24 trunks per order.								
Order handling and screening	10	1.000	0.042	0.700		0.29	\$44.31	\$0.2
Build and validate Design Related Info (DRI) and Work Authorization (manual orders)	10	0.050	0.042	0.700		0.01	\$44.31	\$0.0
Buid and validate Design Related Info (DRI) and Work Authorization (mechanized orders) Build and verify Circuit Design (CD) (manual orders)	4 15	0.950 0.050	0.042 0.042	0.700 0.700		0.11 0.02	\$44.31 \$44.31	\$0.0 \$0.0
Build and verify Circuit Design (CD) (mandar orders) Build and verify Circuit Design (CD) (mechanized orders)	3	0.050	0.042	0.700		0.02	\$44.31	\$0.0 \$0.0
Distribute Documents	2	1.000	0.042	0.700		0.06	\$44.31	\$0.0
Perform TAS (Trunk Assignment System) Functions	15	0.750	0.042	0.700		0.33	\$44.31	\$0.2
PCList Trunks	2	1.000	0.042	0.700		0.06	\$44.31	\$0.0
Subtotal - DESIGN SERVICE CENTER - DESIGNER						0.97		\$0.72
-NROC - COMPLEX TRANSLATIONS - TRUNK GROUP								
.50 probability is % orders establishing a new trunk group								
.70 probability reflects 30% reduction to work time estimates ordered								
Assign Trunk Group number	10	0.500	0.700			3.50	\$41.45	\$2.42
Analyze ASR/TQ Build New Trunk Group	10 20	0.500 0.500	0.700 0.700			3.50 7.00	\$41.45 \$41.45	\$2.4 \$4.8
Build New Truth Group	20	0.300	0.700			7.00	ψ41.45	Ψ4.0
Subtotal - NROC - COMPLEX TRANSLATIONS - TRUNK GROUP						14.00		\$9.67
-NROC - COMPLEX TRANSLATIONS - ROUTE INDEX								
.50 probability is % orders establishing a new trunk group								
.70 probability reflects 30% reduction to work time estimates ordered		0.500	0.700			4	044.4-	^
Assign Route Index	10	0.500	0.700			3.50	\$41.45	\$2.42
Subtotal - NROC - COMPLEX TRANSLATIONS - ROUTE INDEX						3.50		\$2.42

⁻NROC - COMPLEX TRANSLATIONS - TESTING
.50 probability is % orders establishing a new trunk group
.70 probability reflects 30% reduction to work time estimates ordered

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Study Name: PART D FINAL ORDER NRC STUDY 7246 A Study Year: 2001

Analyst: Deffley/Eoriatti
Product Group: Interconnection

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G	Н	
						B * (C Thru F)		H * (G/60)
UNBUNDLED (DS0) ANALOG TRUNK PORT - 1ST INSTALL - MECHANIZED (con't)								
Perform Test Call	5	0.500	0.700			1.75	\$41.45	\$1.21
Complete work item in work Force Administration - Dispatch In	5	0.500	0.700			1.75	\$41.45	\$1.21
Subtotal - NROC - COMPLEX TRANSLATIONS - TESTING						3.50		\$2.42
Total For Service:						27.97		\$19.23

Qwest Advice No. 3376T Page 282 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G	Н	
						B * (C Thru F)		H * (G/60)

UNBUNDLED (DS0) ANALOG TRUNK PORT - 1ST INSTALL - MECHANIZED (con't)

12063 12064	Cost	Cost	
12065		Factor	Cost
12066	B C	D	E
12067 Directly Assigned	<u> </u>		
12068 Product Management Expense	D12068*E12062	0.040393	\$0.78
12069 Sales Expense	D12069*E12062	0.014960	\$0.29
12070 Product Advertising Expense	D12070*E12062	0.000000	\$0.0
12071 Business Fees (Other Operating Taxes)	D12071*Sum(E12062:E12070)	0.042595	\$0.8
12072 Directly Assigned Costs	Sum(E12062:E12071)	0.012000	\$1.9
12073	 (****
12074 Total Direct Costs	E12062+E12072		\$21.1
12075			
12076 Directly Attributed			
12077 Network Operations	D12077*E12074	0.056129	\$1.1
12078 Network Support Assets	D12078*E12074	0.014074	\$0.3
12079 General Support Assets	D12079*E12074	0.057904	\$1.2
12080 General Purpose Computers	D12080*E12074	0.040926	\$0.8
12081 Uncollectible	D12081*E12074	0.001136	\$0.0
12082 Accounting & Finance Expense	D12082*E12074	0.010471	\$0.2
12083 Human Resources Expense	D12083*E12074	0.009808	\$0.2
12084 Information Management Expense	D12084*E12074	0.068149	\$1.4
12085 Intangibles	D12085*E12074	0.002634	\$0.0
12086 Directly Attributed Costs	Sum(E12077:E12085)		\$5.5
12087			
12088 TELRIC	E12077+E12086		\$26.6
12089			
12090 Common	D40004*F40000	0.000050	* 0.0
12091 Executive Expense	D12091*E12088	0.008052	\$0.2
12092 Planning Expense	D12092*E12088	0.000682	\$0.0
12093 External Relations Expense	D12093*E12088	0.009631	\$0.2
12094 Legal Expense	D12094*E12088	0.007338	\$0.2
12095 Other Procurement Expense	D12095*E12088	0.002772	\$0.0
12096 Research & Development Expense 12097 Other General and Admin Expense	D12096*E12088	0.000042	\$0.0
	D12097*E12088	0.019104	\$0.5
12098 Common Costs 12099	Sum(E12091:E12097)		\$1.2
12100 TELRIC + Common Costs	E12088+E12098		CO7 (
12 100 TELRIC + COMMON COSIS	£12088+£12098		\$27.9

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Study Name: PART D FINAL ORDER NRC STUDY 7246 A Study Year: 2001

Analyst: Deffley/Eoriatti
Product Group: Interconnection

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	В	С	D	E	F	G B * (C Thru F)	Н	I H * (G/60)
						2 (0)		(5/55)
UNBUNDLED (DS0) ANALOG TRUNK PORT - 1ST INSTALL - MANUAL								
<u>*ADD*</u>								
-INTERCONNECT SERVICE CENTER								
NO MANUAL ISC TIMES PREVIOUSLY FILED IN THIS DOCKET, THEREFORE, CURRENT QWEST ISC TIMES APPLIED.								
.70 probability reflects 30% reduction to work time estimates ordered Analysis of request	5	0.700				3.50	\$39.16	\$2.28
Validate Connecting Facility Arrangement, Network Channel/Network Channel Interface	2	0.700				1.40	\$39.16 \$39.16	\$2.26 \$0.91
Validate Switch Location	10	0.700				7.00	\$39.16	\$4.57
Obtain Trunk group number and Route Index number Obtain Tele # DID # Blocks	20 10	0.700 0.700				14.00 7.00	\$39.16 \$39.16	\$9.14 \$4.57
Determine Critical Dates	5	0.700				3.50	\$39.16	\$2.28
Confirm (Firm Order Confirmation) Local Service Request	5	0.700				3.50	\$39.16	\$2.28
Check for Service order Access Controller errors	5	0.700				3.50	\$39.16	\$2.28
Order completion	5	0.700				3.50	\$39.16	\$2.28
Issue Service Order	15	0.700				10.50	\$39.16	\$6.85
Subtotal - INTERCONNECT SERVICE CENTER						57.40		\$37.46
								•
-DESIGN SERVICE CENTER - DESIGNER								
(.05, .20, .95, .80) probability are percent orders worked manual versus mechanized042 represents 1/24 of a trunk group. Assumes 24 trunks per order.								
.70 probability reflects 30% reduction to work time estimates ordered								
Order handling and screening	10	1.000	0.042	0.700		0.29	\$44.31	\$0.22
Build and validate Design Related Info (DRI) and Work Authorization (manual orders)	10	0.050	0.042	0.700		0.01	\$44.31	\$0.01
Buid and validate Design Related Info (DRI) and Work Authorization (mechanized orders)	4	0.950	0.042	0.700		0.11	\$44.31	\$0.08
Build and verify Circuit Design (CD) (manual orders)	15	0.050	0.042	0.700		0.02	\$44.31	\$0.02
Build and verify Circuit Design (CD) (mechanized orders)	3	0.950	0.042	0.700		0.08	\$44.31	\$0.06
Distribute Documents	2	1.000	0.042	0.700		0.06	\$44.31	\$0.04
Perform TAS (Trunk Assignment System) Functions PCList Trunks	15 2	0.750 1.000	0.042 0.042	0.700 0.700		0.33 0.06	\$44.31 \$44.31	\$0.24 \$0.04
				000			Ψσ.	***
Subtotal - DESIGN SERVICE CENTER - DESIGNER						0.97		\$0.72
-NROC - COMPLEX TRANSLATIONS - TRUNK GROUP								
.50 probability is % orders establishing a new trunk group								
.70 probability reflects 30% reduction to work time estimates ordered	40	0.500	0.700			0.50	C44 45	# 0.40
Assign Trunk Group number Analyze ASR/TQ	10 10	0.500 0.500	0.700 0.700			3.50 3.50	\$41.45 \$41.45	\$2.42 \$2.42
Build New Trunk Group	10 20	0.500	0.700			3.50 7.00	\$41.45 \$41.45	\$2.42 \$4.84
Build Hotel Hallik Oloup	20	0.500	0.700			7.00	υττυ	ψ+.04
Subtotal - NROC - COMPLEX TRANSLATIONS - TRUNK GROUP						14.00		\$9.67

Qwest Advice No. 3376T Page 284 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A Study Year: 2001

Analyst: Deffley/Eoriatti
Product Group: Interconnection

West to	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	0
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G D * (0.71 F)	Н	
UNBUNDLED (DS0) ANALOG TRUNK PORT - 1ST INSTALL - MANUAL (con't)						B * (C Thru F)		H * (G/60)
-NROC - COMPLEX TRANSLATIONS - ROUTE INDEX .50 probability is % orders establishing a new trunk group .70 probability reflects 30% reduction to work time estimates ordered Assign Route Index	10	0.500	0.700			3.50	\$41.45	\$2.42
Subtotal - NROC - COMPLEX TRANSLATIONS - ROUTE INDEX						3.50		\$2.42
-NROC - COMPLEX TRANSLATIONS - TESTING .50 probability is % orders establishing a new trunk group .70 probability reflects 30% reduction to work time estimates ordered Perform Test Call	5	0.500	0.700			1.75	\$41.45	\$1.21
Complete work item in work Force Administration - Dispatch In	5	0.500	0.700			1.75	\$41.45	\$1.21
Subtotal - NROC - COMPLEX TRANSLATIONS - TESTING						3.50		\$2.42
Total For Service:						79.37		\$52.69

Qwest Advice No. 3376T Page 285 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	
						B * (C Thru F)		H * (G/60)

UNBUNDLED (DS0) ANALOG TRUNK PORT - 1ST INSTALL - MANUAL (con't)

12197 Direct Cost			\$52.69
12198			
12199	Cost	Cost	
12200	Calculation	Factor	Cost
12201	ВС	D	Е
12202 Directly Assigned	<u>-</u>		
12203 Product Management Expense	D12203*E12197	0.040393	\$2.13
12204 Sales Expense	D12204*E12197	0.014960	\$0.79
12205 Product Advertising Expense	D12205*E12197	0.000000	\$0.00
12206 Business Fees (Other Operating Taxes)	D12206*Sum(E12197:E12205)	0.042595	\$2.37
12207 Directly Assigned Costs	Sum(E12197:E12206)		\$5.29
12208			
12209 Total Direct Costs	E12197+E12207		\$57.98
12210			
12211 Directly Attributed			
12212 Network Operations	D12212*E12209	0.056129	\$3.25
12213 Network Support Assets	D12213*E12209	0.014074	\$0.82
12214 General Support Assets	D12214*E12209	0.057904	\$3.36
12215 General Purpose Computers	D12215*E12209	0.040926	\$2.37
12216 Uncollectible	D12216*E12209	0.001136	\$0.07
12217 Accounting & Finance Expense	D12217*E12209	0.010471	\$0.61
12218 Human Resources Expense	D12218*E12209	0.009808	\$0.57
12219 Information Management Expense	D12219*E12209	0.068149	\$3.95
12220 Intangibles	D12220*E12209	0.002634	\$0.15
12221 Directly Attributed Costs	Sum(E12212:E12220)		\$15.14
12222	<u> </u>		
12223 TELRIC	E12212+E12221		\$73.12
12224			
12225 Common			
12226 Executive Expense	D12226*E12223	0.008052	\$0.59
12227 Planning Expense	D12227*E12223	0.000682	\$0.05
12228 External Relations Expense	D12228*E12223	0.009631	\$0.70
12229 Legal Expense	D12229*E12223	0.007338	\$0.54
12230 Other Procurement Expense	D12230*E12223	0.002772	\$0.20
12231 Research & Development Expense	D12231*E12223	0.000042	\$0.00
12232 Other General and Admin Expense	D12232*E12223	0.019104	\$1.40
12233 Common Costs	Sum(E12226:E12232)		\$3.48
12234			
12235 TELRIC + Common Costs	E12223+E12233		\$76.60

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Study Name: PART D FINAL ORDER NRC STUDY 7246 A Study Year: 2001

Analyst: Deffley/Eoriatti
Product Group: Interconnection

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
	B	C	#2 D	E	#4 F	(willutes)	H	Losi
A	D	Ü	D	_		B * (C Thru F)	• • • • • • • • • • • • • • • • • • • •	H * (G/60)
NBUNDLED (DS0) ANALOG TRUNK PORT - 1ST DISCONNECT - MECHANIZED								
ISCONNECT*								
TERCONNECT SERVICE CENTER								
Time estimate(s) ordered by commission staff. Process order	6	1.000				6.00	\$40.03	\$4.0
btotal - INTERCONNECT SERVICE CENTER						6.00		\$4.0
PESIGN SERVICE CENTER - DESIGNER Prob 1 (.05, .95) are percent orders worked manual versus mechanized042 represents 1/24 of a trunk group. Assumes 24 trunks per order70 probability reflects 30% reduction to work time estimates ordered Order handling and screening PCList Trunks Build and Validate Work Authorization (manual orders) Build and Validate Work Authorization (mechanized orders) Build and verify Circuit Design (CD) (manual orders) Build and verify Circuit Design (CD) (mechanized orders) Distribute Documents	10 2 5 2 10 2 2	1.000 1.000 0.050 0.950 0.050 0.950 1.000	0.042 0.042 0.042 0.042 0.042 0.042 0.042	0.700 0.700 0.700 0.700 0.700 0.700 0.700		0.29 0.06 0.01 0.06 0.01 0.06 0.06	\$44.31 \$44.31 \$44.31 \$44.31 \$44.31 \$44.31	\$0.2 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0
ubtotal - DESIGN SERVICE CENTER - DESIGNER						0.55		\$0.4
	•							

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Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G	Н	
						B * (C Thru F)		H * (G/60)

UNBUNDLED (DS0) ANALOG TRUNK PORT - 1ST DISCONNECT - MECHANIZED (con't)

12287 Direct Cost			\$4.41
12288	<u> </u>		
12289	Cost	Cost	
12290	Calculation	Factor	Cost
12291	ВС	D	E
12292 Directly Assigned			
12293 Product Management Expense	D12293*E12287	0.040393	\$0.18
12294 Sales Expense	D12294*E12287	0.014960	\$0.07
12295 Product Advertising Expense	D12295*E12287	0.000000	\$0.00
12296 Business Fees (Other Operating Taxes)	D12296*Sum(E12287:E12295)	0.042595	<u>\$0.20</u>
12297 Directly Assigned Costs	Sum(E12287:E12296)		\$0.44
12298			
12299 Total Direct Costs	E12287+E12297		\$4.85
12300			
12301 Directly Attributed			
12302 Network Operations	D12302*E12299	0.056129	\$0.27
12303 Network Support Assets	D12303*E12299	0.014074	\$0.07
12304 General Support Assets	D12304*E12299	0.057904	\$0.28
12305 General Purpose Computers	D12305*E12299	0.040926	\$0.20
12306 Uncollectible	D12306*E12299	0.001136	\$0.01
12307 Accounting & Finance Expense	D12307*E12299	0.010471	\$0.05
12308 Human Resources Expense	D12308*E12299	0.009808	\$0.05
12309 Information Management Expense	D12309*E12299	0.068149	\$0.33
12310 Intangibles	D12310*E12299	0.002634	\$0.01
12311 Directly Attributed Costs	Sum(E12302:E12310)		\$1.27
12312			
12313 TELRIC	E12302+E12311		\$6.11
12314			
12315 Common			
12316 Executive Expense	D12316*E12313	0.008052	\$0.05
12317 Planning Expense	D12317*E12313	0.000682	\$0.00
12318 External Relations Expense	D12318*E12313	0.009631	\$0.06
12319 Legal Expense	D12319*E12313	0.007338	\$0.04
12320 Other Procurement Expense	D12320*E12313	0.002772	\$0.02
12321 Research & Development Expense	D12321*E12313	0.000042	\$0.00
12322 Other General and Admin Expense	D12322*E12313	0.019104	\$0.12
12323 Common Costs	Sum(E12316:E12322)		\$0.29
12324	E40040 E40000		00.11
12325 TELRIC + Common Costs	E12313+E12323		\$6.41

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Study Name: PART D FINAL ORDER NRC STUDY 7246 A Study Year: 2001

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
Δ	R		# <u>2</u> D	# \	# **	G	H	UUSI
^	В	C	D	_	'	B * (C Thru F)	11	H * (G/60)
NBUNDLED (DS0) ANALOG TRUNK PORT - 1ST DISCONNECT - MANUAL								
ISCONNECT*								
ITERCONNECT SERVICE CENTER								
NO MANUAL ISC TIMES PREVIOUSLY FILED IN THIS DOCKET, THEREFORE,								
CURRENT QWEST ISC TIMES APPLIED.								
.70 probability reflects 30% reduction to work time estimates ordered	_	0.700				0.50	# 00.40	•
Analysis of request	5	0.700				3.50	\$39.16 \$39.16	\$2 \$0
Verify existing account activity Check for Service order Access Controller errors	2	0.700 0.700				1.40 3.50	\$39.16 \$39.16	\$
Order completion	5	0.700				3.50	\$39.16	φ \$
Issue Service Order	5	0.700				3.50	\$39.16	\$
btotal - INTERCONNECT SERVICE CENTER						15.40		\$10
ESIGN SERVICE CENTER - DESIGNER								
(.05, .95) probability are percent orders worked manual versus mechanized.								
.042 represents 1/24 of a trunk group. Assumes 24 trunks per order.								
.70 probability reflects 30% reduction to work time estimates ordered Order handling and screening	10	1.000	0.042	0.700		0.29	\$44.31	9
PCList Trunks	10	1.000	0.042	0.700		0.29	\$44.31	3
Build and Validate Work Authorization (manual orders)	5	0.050	0.042	0.700		0.00	\$44.31	Š
Build and Validate Work Authorization (mandati orders)	2	0.950	0.042	0.700		0.06	\$44.31	
Build and verify Circuit Design (CD) (manual orders)	10	0.050	0.042	0.700		0.01	\$44.31	Š
Build and verify Circuit Design (CD) (mechanized orders)	2	0.950	0.042	0.700		0.06	\$44.31	Š
Distribute Documents	2	1.000	0.042	0.700		0.06	\$44.31	
otal - DESIGN SERVICE CENTER - DESIGNER						0.55		
J. Face Commission						45.05		6 4
al For Service:						15.95		\$1

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Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G	Н	
						B * (C Thru F)		H * (G/60)

UNBUNDLED (DS0) ANALOG TRUNK PORT - 1ST DISCONNECT - MANUAL (con't)

12378 12379	Cost	Cost	
12380	Calculation	Factor	Cost
12381	В С	D	E
12382 Directly Assigned			
12383 Product Management Expense	D12383*E12377	0.040393	\$0.42
12384 Sales Expense	D12384*E12377	0.014960	\$0.1
12385 Product Advertising Expense	D12385*E12377	0.000000	\$0.0
12386 Business Fees (Other Operating Taxes)	D12386*Sum(E12377:E12385)	0.042595	\$0.4
12387 Directly Assigned Costs	Sum(E12377:E12386)		\$1.0
12388	· · · · · · · · · · · · · · · · · · ·		
12389 Total Direct Costs	E12377+E12387		\$11.5
12390			
12391 Directly Attributed			
12392 Network Operations	D12392*E12389	0.056129	\$0.6
12393 Network Support Assets	D12393*E12389	0.014074	\$0.1
12394 General Support Assets	D12394*E12389	0.057904	\$0.6
12395 General Purpose Computers	D12395*E12389	0.040926	\$0.4
12396 Uncollectible	D12396*E12389	0.001136	\$0.0
12397 Accounting & Finance Expense	D12397*E12389	0.010471	\$0.1
12398 Human Resources Expense	D12398*E12389	0.009808	\$0.1
12399 Information Management Expense	D12399*E12389	0.068149	\$0.7
12400 Intangibles	D12400*E12389	0.002634	\$0.0
12401 Directly Attributed Costs	Sum(E12392:E12400)		\$3.0
12402 12403 TELRIC	E12392+E12401		\$14.5
12404 12404	E12392+E12401		φ14.0
12405 Common			
12406 Executive Expense	D12406*E12403	0.008052	\$0.1
12407 Planning Expense	D12407*E12403	0.000682	\$0.0
12408 External Relations Expense	D12408*E12403	0.009631	\$0.1
12409 Legal Expense	D12409*E12403	0.003331	\$0. ²
12410 Other Procurement Expense	D12410*E12403	0.002772	\$0.0
12411 Research & Development Expense	D12411*E12403	0.000042	\$0.0
12412 Other General and Admin Expense	D12412*E12403	0.019104	\$0.2
12413 Common Costs	Sum(E12406:E12412)	3.3.0104	\$0.6
12414	(Ţ0
12415 TELRIC + Common Costs	E12403+E12413		\$15

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Study Name: PART D FINAL ORDER NRC STUDY 7246 A Study Year: 2001

Analyst: Deffley/Eoriatti
Product Group: Interconnection

Work Item	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
work item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	
						B * (C Thru F)		H * (G/60)
UNDLED (DS0) ANALOG TRUNK PORT - ADDITIONAL INSTALL - MECHANIZED								
<u>0*</u>								
ERCONNECT SERVICE CENTER								
Time estimate(s) ordered by commission staff.							_	
Process order	6	1.000				6.00	\$40.03	\$
otal - INTERCONNECT SERVICE CENTER						6.00		9
Prob 1 (.05, .20, .95, .80) are percent orders worked manual versus mechanized.								
.042 represents 1/24 of a trunk group. Assumes 24 trunks per order70 probability reflects 30% reduction to work time estimates ordered								
.70 probability reflects 30% reduction to work time estimates ordered Order handling and screening	10	1.000	0.042	0.700		0.29	\$44.31	Ş
.70 probability reflects 30% reduction to work time estimates ordered Order handling and screening Build and validate Design Related Info (DRI) and Work Authorization (manual orders)	10 10	0.050	0.042	0.700		0.01	\$44.31	;
.70 probability reflects 30% reduction to work time estimates ordered Order handling and screening Build and validate Design Related Info (DRI) and Work Authorization (manual orders) Buid and validate Design Related Info (DRI) and Work Authorization (mechanized orders)		0.050 0.950	0.042 0.042	0.700 0.700		0.01 0.11	\$44.31 \$44.31	
.70 probability reflects 30% reduction to work time estimates ordered Order handling and screening Build and validate Design Related Info (DRI) and Work Authorization (manual orders) Build and validate Design Related Info (DRI) and Work Authorization (mechanized orders) Build and verify Circuit Design (CD) (manual orders)		0.050 0.950 0.050	0.042 0.042 0.042	0.700 0.700 0.700		0.01 0.11 0.02	\$44.31 \$44.31 \$44.31	:
.70 probability reflects 30% reduction to work time estimates ordered Order handling and screening Build and validate Design Related Info (DRI) and Work Authorization (manual orders) Build and validate Design Related Info (DRI) and Work Authorization (mechanized orders) Build and verify Circuit Design (CD) (manual orders) Build and verify Circuit Design (CD) (mechanized orders)	10 4 15 3	0.050 0.950 0.050 0.950	0.042 0.042 0.042 0.042	0.700 0.700 0.700 0.700		0.01 0.11 0.02 0.08	\$44.31 \$44.31 \$44.31 \$44.31	
.70 probability reflects 30% reduction to work time estimates ordered Order handling and screening Build and validate Design Related Info (DRI) and Work Authorization (manual orders) Build and validate Design Related Info (DRI) and Work Authorization (mechanized orders) Build and verify Circuit Design (CD) (manual orders) Build and verify Circuit Design (CD) (mechanized orders) Distribute Documents	10 4 15 3 2	0.050 0.950 0.050 0.950 1.000	0.042 0.042 0.042 0.042 0.042	0.700 0.700 0.700 0.700 0.700 0.700		0.01 0.11 0.02 0.08 0.06	\$44.31 \$44.31 \$44.31 \$44.31 \$44.31	
.70 probability reflects 30% reduction to work time estimates ordered Order handling and screening Build and validate Design Related Info (DRI) and Work Authorization (manual orders) Build and validate Design Related Info (DRI) and Work Authorization (mechanized orders) Build and verify Circuit Design (CD) (manual orders) Build and verify Circuit Design (CD) (mechanized orders) Distribute Documents Perform TAS (Trunk Assignment System) Functions	10 4 15 3 2 15	0.050 0.950 0.050 0.950 1.000 0.750	0.042 0.042 0.042 0.042 0.042 0.042	0.700 0.700 0.700 0.700 0.700 0.700		0.01 0.11 0.02 0.08 0.06 0.33	\$44.31 \$44.31 \$44.31 \$44.31 \$44.31 \$44.31	
.70 probability reflects 30% reduction to work time estimates ordered Order handling and screening Build and validate Design Related Info (DRI) and Work Authorization (manual orders) Build and validate Design Related Info (DRI) and Work Authorization (mechanized orders) Build and verify Circuit Design (CD) (manual orders) Build and verify Circuit Design (CD) (mechanized orders) Distribute Documents	10 4 15 3 2	0.050 0.950 0.050 0.950 1.000	0.042 0.042 0.042 0.042 0.042	0.700 0.700 0.700 0.700 0.700 0.700		0.01 0.11 0.02 0.08 0.06	\$44.31 \$44.31 \$44.31 \$44.31 \$44.31	
.70 probability reflects 30% reduction to work time estimates ordered Order handling and screening Build and validate Design Related Info (DRI) and Work Authorization (manual orders) Build and validate Design Related Info (DRI) and Work Authorization (mechanized orders) Build and verify Circuit Design (CD) (manual orders) Build and verify Circuit Design (CD) (mechanized orders) Distribute Documents Perform TAS (Trunk Assignment System) Functions	10 4 15 3 2 15	0.050 0.950 0.050 0.950 1.000 0.750	0.042 0.042 0.042 0.042 0.042 0.042	0.700 0.700 0.700 0.700 0.700 0.700		0.01 0.11 0.02 0.08 0.06 0.33	\$44.31 \$44.31 \$44.31 \$44.31 \$44.31 \$44.31	

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Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G	Н	[
						B * (C Thru F)		H * (G/60)

UNBUNDLED (DS0) ANALOG TRUNK PORT - ADDITIONAL INSTALL - MECHANIZED (con't)

12467 Direct Cost			\$4.72
12468	<u> </u>		
12469	Cost	Cost	
12470	Calculation	Factor	Cost
12471	ВС	D	E
12472 Directly Assigned			
12473 Product Management Expense	D12473*E12467	0.040393	\$0.19
12474 Sales Expense	D12474*E12467	0.014960	\$0.07
12475 Product Advertising Expense	D12475*E12467	0.000000	\$0.00
12476 Business Fees (Other Operating Taxes)	D12476*Sum(E12467:E12475)	0.042595	<u>\$0.21</u>
12477 Directly Assigned Costs	Sum(E12467:E12476)		\$0.47
12478			
12479 Total Direct Costs	E12467+E12477		\$5.20
12480			
12481 Directly Attributed			
12482 Network Operations	D12482*E12479	0.056129	\$0.29
12483 Network Support Assets	D12483*E12479	0.014074	\$0.07
12484 General Support Assets	D12484*E12479	0.057904	\$0.30
12485 General Purpose Computers	D12485*E12479	0.040926	\$0.21
12486 Uncollectible	D12486*E12479	0.001136	\$0.01
12487 Accounting & Finance Expense	D12487*E12479	0.010471	\$0.05
12488 Human Resources Expense	D12488*E12479	0.009808	\$0.05
12489 Information Management Expense	D12489*E12479	0.068149	\$0.35
12490 Intangibles	D12490*E12479	0.002634	\$0.01
12491 Directly Attributed Costs	Sum(E12482:E12490)		\$1.36
12492			
12493 TELRIC	E12482+E12491		\$6.55
12494			
12495 Common			
12496 Executive Expense	D12496*E12493	0.008052	\$0.05
12497 Planning Expense	D12497*E12493	0.000682	\$0.00
12498 External Relations Expense	D12498*E12493	0.009631	\$0.06
12499 Legal Expense	D12499*E12493	0.007338	\$0.05
12500 Other Procurement Expense	D12500*E12493	0.002772	\$0.02
12501 Research & Development Expense	D12501*E12493	0.000042	\$0.00
12502 Other General and Admin Expense	D12502*E12493	0.019104	\$0.13
12503 Common Costs	Sum(E12496:E12502)		\$0.31
12504			
12505 TELRIC + Common Costs	E12493+E12503		\$6.87

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Study Name: PART D FINAL ORDER NRC STUDY 7246 A Study Year: 2001

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

Minutes B	#1 C	#2 D	#3 E	# <u>4</u> F	(Minutes) G B * (C Thru F)	<i>/Hour</i> H	Cost I H * (G/60)
В	С	D	E	F	•	Н	I H * (G/60)
					B (Cilliur)		п (G/60)
0.25	1.000	0.700			0.18	\$39.16	,
10	0.500	0.700			3.50	\$39.16	
5	1.000	0.700			3.50	\$39.16	
5	1.000	0.700			3.50	\$39.16	
3	1.000	0.700			2.10	\$39.16	
					12.78		
10	1.000	0.042	0.700		0.29	\$44.31	
10	0.050	0.042	0.700		0.01	\$44.31	
4	0.950	0.042	0.700			\$44.31	
15							
3							
2							
2	1.000	0.042	0.700		0.06	\$44.31	
					0.97		
					12 75		,
	10 5 5 3 3 10 10 4 15 3 2 15	10 0.500 5 1.000 5 1.000 3 1.000 1.000 10 0.050 4 0.950 15 0.050 3 0.950 2 1.000 15 0.750	10 0.500 0.700 5 1.000 0.700 5 1.000 0.700 3 1.000 0.700 10 0.050 0.042 4 0.950 0.042 4 0.950 0.042 15 0.050 0.042 2 1.000 0.042 2 1.000 0.042 15 0.750 0.042	10 0.500 0.700 5 1.000 0.700 5 1.000 0.700 3 1.000 0.700 10 0.050 0.042 0.700 4 0.950 0.042 0.700 15 0.050 0.042 0.700 3 0.950 0.042 0.700 2 1.000 0.042 0.700 2 1.000 0.042 0.700 15 0.750 0.042 0.700 15 0.750 0.042 0.700	10 0.500 0.700 5 1.000 0.700 5 1.000 0.700 3 1.000 0.700 10 0.050 0.042 0.700 10 0.050 0.042 0.700 4 0.950 0.042 0.700 15 0.050 0.042 0.700 3 0.950 0.042 0.700 2 1.000 0.042 0.700 2 1.000 0.042 0.700 15 0.750 0.042 0.700	10 0.500 0.700 3.50 5 1.000 0.700 3.50 5 1.000 0.700 3.50 3 1.000 0.700 2.10 10 1.000 0.042 0.700 0.29 10 0.050 0.042 0.700 0.01 4 0.950 0.042 0.700 0.11 15 0.050 0.042 0.700 0.02 3 0.950 0.042 0.700 0.08 2 1.000 0.042 0.700 0.06 15 0.750 0.042 0.700 0.33 2 1.000 0.042 0.700 0.33 2 1.000 0.042 0.700 0.36	10 0.500 0.700 3.50 \$39.16 5 1.000 0.700 3.50 \$39.16 5 1.000 0.700 3.50 \$39.16 3 1.000 0.700 2.10 \$39.16 3 1.000 0.700 0.700 2.10 \$39.16 12.78 10 1.000 0.042 0.700 0.29 \$44.31 10 0.050 0.042 0.700 0.01 \$44.31 4 0.950 0.042 0.700 0.11 \$44.31 15 0.050 0.042 0.700 0.11 \$44.31 3 0.950 0.042 0.700 0.02 \$44.31 3 0.950 0.042 0.700 0.08 \$44.31 2 1.000 0.042 0.700 0.08 \$44.31 2 1.000 0.042 0.700 0.06 \$44.31 15 0.750 0.042 0.700 0.33 \$44.31 2 1.000 0.042 0.700 0.33 \$44.31 2 1.000 0.042 0.700 0.06 \$44.31

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Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G	Н	[
						B * (C Thru F)		H * (G/60)

UNBUNDLED (DS0) ANALOG TRUNK PORT - ADDITIONAL INSTALL - MANUAL (con't)

12558 Cost	12557 Direct Cost			\$9.06
	12558			
12561	12559			
12562 Directly Assigned	12560		Factor	Cost
12563 Product Management Expense D12564*E12557 0.040333 \$0.37 12564 Sales Expense D12564*E12557 0.014960 \$0.14 12565 Product Advertising Expense D12565*E12557 0.000000 \$0.00 12566 Business Fees (Other Operating Taxes) D12566*Sum(E12557:E12565) 0.042595 \$0.01 12567 D12566*Sum(E12557:E12565) 0.042595 \$0.01 12567 D12566*Sum(E12557:E12566) 0.042595 \$0.01 12567 D12566*Sum(E12557:E12566) 0.042595 \$0.01 12567 D12566*Sum(E12557:E12566) 0.042595 \$0.01 12569 \$0.056129 \$0.561257 D12577	12561	ВС	D	E
12564 Sales Expense D12564*E12557 0.014960 \$0.14 12565 Product Advertising Expense D12565*E12557 0.000000 \$0.00 12566 Product Advertising Expense D12566*Set12557 0.000000 \$0.00 12566 D12566*Set12557 0.002595 0.042595	12562 Directly Assigned			•
12565 Product Advertising Expense D12565'E12557 0.000000 \$0.00 12566 Business Fees (Other Operating Taxes) D12566'Sum(E12557:E12565) 0.042595 \$0.41 12567 Directly Assigned Costs Sum(E12557:E12565) 0.042595 \$0.91 12568 \$1.2568 \$1.2569 \$1.2	12563 Product Management Expense	D12563*E12557	0.040393	\$0.37
12566 Business Fees (Other Operating Taxes)	12564 Sales Expense	D12564*E12557	0.014960	\$0.14
12567 Directly Assigned Costs Sum(E12557:E12566) \$0.91 12568 Total Direct Costs E12574-E12567 \$9.97 12570 Directly Attributed 12571 Directly Attributed 12572 Network Operations D12573*E12569 0.056129 \$0.56 12573 Network Support Assets D12573*E12569 0.014074 \$0.14 12574 General Support Assets D12573*E12569 0.014074 \$0.14 12575 General Purpose Computers D12575*E12569 0.040926 \$0.41 12576 Uncollectible D12576*E12569 0.00136 \$0.01 12577 Accounting & Finance Expense D12576*E12569 0.001136 \$0.01 12578 Human Resources Expense D12578*E12569 0.008080 \$0.10 12579 Information Management Expense D12578*E12569 0.008808 \$0.10 12579 Information Management Expense D12579*E12569 0.008149 \$0.68 12580 Intangibles D1250*E12569 0.002634 \$0.03 12581 Directly Attributed Costs Sum(E12572:E12580) \$2.60 12583 TELRIC E12572+E12581 \$12.57 12584 Sumon	12565 Product Advertising Expense	D12565*E12557	0.000000	\$0.00
12567 Directly Assigned Costs Sum(E12557:E12566) \$0.91 12568 Total Direct Costs E12574-E12567 \$9.97 12570 Directly Attributed 12571 Directly Attributed 12572 Network Operations D12573*E12569 0.056129 \$0.56 12573 Network Support Assets D12573*E12569 0.014074 \$0.14 12574 General Support Assets D12573*E12569 0.014074 \$0.14 12575 General Purpose Computers D12575*E12569 0.040926 \$0.41 12576 Uncollectible D12576*E12569 0.00136 \$0.01 12577 Accounting & Finance Expense D12576*E12569 0.001136 \$0.01 12578 Human Resources Expense D12578*E12569 0.008080 \$0.10 12579 Information Management Expense D12578*E12569 0.008808 \$0.10 12579 Information Management Expense D12579*E12569 0.008149 \$0.68 12580 Intangibles D1250*E12569 0.002634 \$0.03 12581 Directly Attributed Costs Sum(E12572:E12580) \$2.60 12583 TELRIC E12572+E12581 \$12.57 12584 Sumon	12566 Business Fees (Other Operating Taxes)	D12566*Sum(E12557:E12565)	0.042595	\$0.41
12569 Total Direct Costs		Sum(E12557:E12566)		\$0.91
12570 12571 12571 12572 12569 12572*E12569 12573*E12569 12573*E12		· · · · · · · · · · · · · · · · · · ·		
12571 Directly Attributed D12572*E12569 0.056129 \$0.56129 \$0.561257 Network Operations D12573*E12569 0.014074 \$0.1412574 \$0.581257 Seneral Support Assets D12573*E12569 0.056129 \$0.581257 \$0.		E12557+E12567		\$9.97
12572 Network Operations				
12573 Network Support Assets D12573*E12569 0.014074 \$0.14 12574 General Support Assets D12574*E12569 0.057904 \$0.58 12575 General Purpose Computers D12575*E12569 0.040926 \$0.41 12576 Uncollectible D12576*E12569 0.001136 \$0.01 12577 Accounting & Finance Expense D12577*E12569 0.001136 \$0.01 12577 Accounting & Finance Expense D12577*E12569 0.010471 \$0.10 12578* Human Resources Expense D12578*E12569 0.009808 \$0.10 12578* Human Resources Expense D12579*E12569 0.009808 \$0.10 12579*E12569 0.008149 \$0.68 12580 Intangibles D12579*E12569 0.0068149 \$0.68 12580 Intangibles D12580*E12569 0.002634 \$0.03 12581 Directly Attributed Costs Sum(E12572:E12580) \$2.60 12583 TELRIC E12572*E12581 \$12.57 12584 12583 TELRIC E12572*E12581 \$12.57 12584 12585 Common E12579*E12569 D12588*E12583 0.00862 \$0.10 12587*Planning Expense D12586*E12583 0.009631 \$0.12 12587*Planning Expense D12588*E12583 0.009631 \$0.12 12589*E12583 0.009631 \$0.12 12589*E12583 0.007378 \$0.09 12599*E12583 0.007772 \$0.03 12591*Planning Expense D12590*E12583 0.0007772 \$0.03 12591*Planning Expense D12590*E12583 0.000042 \$0.00 12592*Planning Expense D12590*E12583 0.0000042 \$0.00 12592*Planning Expense D12590*E12583 0.0000000000000000000000000000000000				
12574 General Support Assets				
12575 General Purpose Computers				
12576 Uncollectible				
12577 Accounting & Finance Expense D12577*E12569 0.010471 \$0.10 12578 Human Resources Expense D12578*E12569 0.009808 \$0.10 12579 Information Management Expense D12578*E12569 0.068149 \$0.68 12580 Intangibles D12580*E12569 0.002634 \$0.03 12581 Directly Attributed Costs Sum(E12572:E12580) \$2.60 12582 Directly Attributed Costs Sum(E12572:E12580) \$2.60 12583 TELRIC E12572*E12581 \$12.57 12584 T12585 Common T12586*E12583 0.008052 \$0.10 12586 Executive Expense D12586*E12583 0.000682 \$0.01 12587 Planning Expense D12588*E12583 0.000682 \$0.01 12588 External Relations Expense D12589*E12583 0.009631 \$0.12 12589 Legal Expense D12589*E12583 0.007338 \$0.09 12590 Other Procurement Expense D12590*E12583 0.007338 \$0.00 12591 Research & Development Expense D12590*E12583 0.000042 \$0.00 12592 Other General and Admin Expense D12592*E12583 0.000042 \$0.00 12593 Common Costs Sum(E12586:E12592) \$0.60 12594 Common Costs Sum(E12586:E12592) \$0.60 12595 Common Costs Sum(E12586:E12592) \$0.60 12596 Common Costs Sum(E12586:E12592) \$0.60 12597 Common Costs Sum(E12586:E12592) \$0.60 12598 Common Costs Common Co		D12575*E12569	0.040926	
12578 Human Resources Expense D12578*E12569 0.009808 \$0.10 12579 Information Management Expense D12579*E12569 0.068149 \$0.68 12580 Intangibles D12580*E12569 0.002634 \$0.03 12581 Directly Attributed Costs Sum(E12572:E12580) \$2.60 12582 Sum(E12572:E12580) \$1.257 12583 TELRIC E12572*E12581 \$12.57 12584 Sumonon	12576 Uncollectible	D12576*E12569	0.001136	\$0.01
12579 Information Management Expense D12579*E12569 0.068149 \$0.68 12580 Intangibles D12580*E12569 0.002634 \$0.03 12581 Directly Attributed Costs Sum(E12572:E12580) \$2.60 \$2.60 \$2.50	12577 Accounting & Finance Expense	D12577*E12569	0.010471	\$0.10
12580 Intangibles D12580*E12569 0.002634 \$0.03 12581 Directly Attributed Costs Sum(E12572:E12580) \$2.60 12582 Sum(E12572:E12580) \$2.60 \$12582 \$12583 TELRIC E12572+E12581 \$12.57 \$12.57 \$12584 \$12.57 \$12584 \$12585 Common \$12586 Executive Expense D12586*E12583 0.008052 \$0.10 \$12587 Planning Expense D12587*E12583 0.000682 \$0.01 \$12587 Planning Expense D12588*E12583 0.009631 \$0.012 \$12589 E12589 E125	12578 Human Resources Expense	D12578*E12569	0.009808	\$0.10
12581	12579 Information Management Expense	D12579*E12569	0.068149	\$0.68
12582		D12580*E12569	0.002634	\$0.03
12583 TELRIC E12572+E12581 \$12.57 12584		Sum(E12572:E12580)		\$2.60
12584 12585 Common 12586 Executive Expense D12586*E12583 0.008052 \$0.10 12587 Planning Expense D12587*E12583 0.000682 \$0.01 12588 External Relations Expense D12588*E12583 0.009631 \$0.12 12589 Legal Expense D12589*E12583 0.007338 \$0.09 12590 Other Procurement Expense D12590*E12583 0.002772 \$0.03 12591 Research & Development Expense D12591*E12583 0.000042 \$0.00 12592 Other General and Admin Expense D12592*E12583 0.019104 \$0.24 12593 Common Costs Sum(E12586:E12592) \$0.60				
12585 Common 12586 Executive Expense D12586*E12583 0.008052 \$0.10 12587 Planning Expense D12587*E12583 0.000682 \$0.01 12588 External Relations Expense D12588*E12583 0.009631 \$0.12 12589 Legal Expense D12589*E12583 0.007338 \$0.09 12590 Other Procurement Expense D12590*E12583 0.002772 \$0.03 12591 Research & Development Expense D12591*E12583 0.000042 \$0.00 12592 Other General and Admin Expense D12592*E12583 0.019104 \$0.24 12593 Common Costs Sum(E12586:E12592) \$0.60		E12572+E12581		\$12.57
12586 Executive Expense D12586*E12583 0.008052 \$0.10 12587 Planning Expense D12587*E12583 0.000682 \$0.01 12588 External Relations Expense D12588*E12583 0.009631 \$0.12 12589 Legal Expense D12589*E12583 0.007338 \$0.09 12590 Other Procurement Expense D12590*E12583 0.002772 \$0.03 12591 Research & Development Expense D12591*E12583 0.000042 \$0.00 12592 Other General and Admin Expense D12592*E12583 0.019104 \$0.24 12593 Common Costs Sum(E12586:E12592) \$0.60				
12587 Planning Expense D12587*E12583 0.000682 \$0.01 12588 External Relations Expense D12588*E12583 0.009631 \$0.12 12589 Legal Expense D12589*E12583 0.007338 \$0.09 12590 Other Procurement Expense D12590*E12583 0.002772 \$0.03 12591 Research & Development Expense D12591*E12583 0.000042 \$0.00 12592 Other General and Admin Expense D12592*E12583 0.019104 \$0.24 12593 Common Costs Sum(E12586:E12592) \$0.60				
12588 External Relations Expense D12588*E12583 0.009631 \$0.12 12589 Legal Expense D12589*E12583 0.007338 \$0.09 12590 Other Procurement Expense D12590*E12583 0.002772 \$0.03 12591 Research & Development Expense D12591*E12583 0.000042 \$0.00 12592 Other General and Admin Expense D12592*E12583 0.019104 \$0.24 12593 Common Costs Sum(E12586:E12592) \$0.60				
12589 Legal Expense D12589*E12583 0.007338 \$0.09 12590 Other Procurement Expense D12590*E12583 0.002772 \$0.03 12591 Research & Development Expense D12591*E12583 0.000042 \$0.00 12592 Other General and Admin Expense D12592*E12583 0.019104 \$0.24 12593 Common Costs Sum(E12586:E12592) \$0.60				
12590 Other Procurement Expense D12590*E12583 0.002772 \$0.03 12591 Research & Development Expense D12591*E12583 0.000042 \$0.00 12592 Other General and Admin Expense D12592*E12583 0.019104 \$0.24 12593 Common Costs Sum(E12586:E12592) \$0.60 12594 Test of the Common Costs \$0.60		- :		
12591 Research & Development Expense D12591*E12583 0.000042 \$0.00 12592 Other General and Admin Expense D12592*E12583 0.019104 \$0.24 12593 Common Costs Sum(E12586:E12592) \$0.60 12594				
12592 Other General and Admin Expense D12592*E12583 0.019104 \$0.24 12593 Common Costs Sum(E12586:E12592) \$0.60 12594				
12593 Common Costs Sum(E12586:E12592) \$0.60 12594				
12594			0.019104	
		Sum(E12586:E12592)		\$0.60
12595 TELRIC + Common Costs E12583+E12593 \$13.17				
	12595 TELRIC + Common Costs	E12583+E12593		\$13.17

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Study Name: PART D FINAL ORDER NRC STUDY 7246 A Study Year: 2001

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	В	C	D	Ē	F	G B * (C Thru F)	Н	H * (G/60)
UNBUNDLED (DS0) ANALOG TRUNK PORT - ADDITIONAL DISCONNECT - MECHANIZED								
DISCONNECT*								
NTERCONNECT SERVICE CENTER								
Time estimate(s) ordered by commission staff. Process order	6	1.000				6.00	\$40.03	\$4.00
ibtotal - INTERCONNECT SERVICE CENTER						6.00		\$4.0
ESIGN SERVICE CENTER - DESIGNER (.05, .95) probability are percent orders worked manual versus mechanized042 represents 1/24 of a trunk group. Assumes 24 trunks per order70 probability reflects 30% reduction to work time estimates ordered Order handling and screening PCList Trunks Build and Validate Work Authorization (manual orders) Build and Validate Work Authorization (mechanized orders) Build and verify Circuit Design (CD) (manual orders) Build and verify Circuit Design (CD) (mechanized orders) Distribute Documents	10 2 5 2 10 2	1.000 1.000 0.050 0.950 0.050 0.950 1.000	0.042 0.042 0.042 0.042 0.042 0.042 0.042	0.700 0.700 0.700 0.700 0.700 0.700 0.700		0.29 0.06 0.01 0.06 0.01 0.06 0.06	\$44.31 \$44.31 \$44.31 \$44.31 \$44.31 \$44.31	\$0.2: \$0.0 \$0.0 \$0.0 \$0.0 \$0.0
ubtotal - DESIGN SERVICE CENTER - DESIGNER						0.55		\$0.4
otal For Service:						6.55		\$4.4

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Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G	Н	
						B * (C Thru F)		H * (G/60)

UNBUNDLED (DS0) ANALOG TRUNK PORT - ADDITIONAL DISCONNECT - MECHANIZED (con't)

12647 Direct Cost			\$4.41
12648			
12649	Cost	Cost	
12650	Calculation	Factor	Cost
12651	ВС	D	E
12652 Directly Assigned			
12653 Product Management Expense	D12653*E12647	0.040393	\$0.18
12654 Sales Expense	D12654*E12647	0.014960	\$0.07
12655 Product Advertising Expense	D12655*E12647	0.000000	\$0.00
12656 Business Fees (Other Operating Taxes)	D12656*Sum(E12647:E12655)	0.042595	\$0.20
12657 Directly Assigned Costs	Sum(E12647:E12656)		\$0.44
12658			
12659 Total Direct Costs	E12647+E12657		\$4.85
12660			
12661 Directly Attributed			
12662 Network Operations	D12662*E12659	0.056129	\$0.27
12663 Network Support Assets	D12663*E12659	0.014074	\$0.07
12664 General Support Assets	D12664*E12659	0.057904	\$0.28
12665 General Purpose Computers	D12665*E12659	0.040926	\$0.20
12666 Uncollectible	D12666*E12659	0.001136	\$0.01
12667 Accounting & Finance Expense	D12667*E12659	0.010471	\$0.05
12668 Human Resources Expense	D12668*E12659	0.009808	\$0.05
12669 Information Management Expense	D12669*E12659	0.068149	\$0.33
12670 Intangibles	D12670*E12659	0.002634	\$0.01
12671 Directly Attributed Costs	Sum(E12662:E12670)		\$1.27
12672			
12673 TELRIC	E12662+E12671		\$6.11
12674			
12675 Common			
12676 Executive Expense	D12676*E12673	0.008052	\$0.05
12677 Planning Expense	D12677*E12673	0.000682	\$0.00
12678 External Relations Expense	D12678*E12673	0.009631	\$0.06
12679 Legal Expense	D12679*E12673	0.007338	\$0.04
12680 Other Procurement Expense	D12680*E12673	0.002772	\$0.02
12681 Research & Development Expense	D12681*E12673	0.000042	\$0.00
12682 Other General and Admin Expense	D12682*E12673	0.019104	\$0.12
12683 Common Costs	Sum(E12676:E12682)		\$0.29
12684			
12685 TELRIC + Common Costs	E12673+E12683		\$6.41

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Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

Work Item	l ime Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	В	С	D	Е	F	G B * (C Thru F)	Н	I H * (G/60)
BUNDLED (DS0) ANALOG TRUNK PORT - ADDITIONAL DISCONNECT - MANUAL								
CONNECT*								
ERCONNECT SERVICE CENTER								
NO MANUAL ISC TIMES PREVIOUSLY FILED IN THIS DOCKET, THEREFORE, CURRENT QWEST ISC TIMES APPLIED.								
.70 probability reflects 30% reduction to work time estimates ordered								
Check for Service Order Analysis & Control errors	5	0.700				3.50	\$39.16	\$2
Order completion	5	0.700				3.50	\$39.16	\$
Issue Service Order	3	0.700				2.10	\$39.16	\$
otal - INTERCONNECT SERVICE CENTER						9.10		\$
SIGN SERVICE CENTER - DESIGNER								
(.05, .95) probability are percent orders worked manual versus mechanized.								
.042 represents 1/24 of a trunk group. Assumes 24 trunks per order.								
.70 probability reflects 30% reduction to work time estimates ordered								
	4.0	4 000	0.042	0.700		0.29	\$44.31	\$
	10	1.000	0.042					
Order handling and screening PCList Trunks	10 2	1.000 1.000	0.042	0.700		0.06	\$44.31	
Order handling and screening	10 2 5			0.700 0.700			\$44.31 \$44.31	\$
Order handling and screening PCList Trunks	10 2 5 2	1.000	0.042			0.06		9
Order handling and screening PCList Trunks Build and Validate Work Authorization (manual orders)	10 2 5 2 10	1.000 0.050	0.042 0.042	0.700		0.06 0.01	\$44.31	\$
Order handling and screening PCList Trunks Build and Validate Work Authorization (manual orders) Build and Validate Work Authorization (mechanized orders)	2 5 2	1.000 0.050 0.950	0.042 0.042 0.042	0.700 0.700		0.06 0.01 0.06	\$44.31 \$44.31	• • • • • • • • • • • • • • • • • • •
Order handling and screening PCList Trunks Build and Validate Work Authorization (manual orders) Build and Validate Work Authorization (mechanized orders) Build and verify Circuit Design (CD) (manual orders)	2 5 2 10	1.000 0.050 0.950 0.050	0.042 0.042 0.042 0.042	0.700 0.700 0.700		0.06 0.01 0.06 0.01	\$44.31 \$44.31 \$44.31	·
Order handling and screening PCList Trunks Build and Validate Work Authorization (manual orders) Build and Validate Work Authorization (mechanized orders) Build and verify Circuit Design (CD) (manual orders) Build and verify Circuit Design (CD) (mechanized orders)	2 5 2 10 2	1.000 0.050 0.950 0.050 0.950	0.042 0.042 0.042 0.042 0.042	0.700 0.700 0.700 0.700		0.06 0.01 0.06 0.01 0.06	\$44.31 \$44.31 \$44.31 \$44.31	\$

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Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G	Н	[
						B * (C Thru F)		H * (G/60)

UNBUNDLED (DS0) ANALOG TRUNK PORT - ADDITIONAL DISCONNECT - MANUAL (con't)

12737 Direct Cost			\$6.34
12738			
12739	Cost	Cost	
12740	Calculation	Factor	Cost
12741	ВС	D	Е
12742 Directly Assigned	' '		
12743 Product Management Expense	D12743*E12737	0.040393	\$0.26
12744 Sales Expense	D12744*E12737	0.014960	\$0.09
12745 Product Advertising Expense	D12745*E12737	0.000000	\$0.00
12746 Business Fees (Other Operating Taxes)	D12746*Sum(E12737:E12745)	0.042595	\$0.29
12747 Directly Assigned Costs	Sum(E12737:E12746)		\$0.64
12748			
12749 Total Direct Costs	E12737+E12747		\$6.98
12750			
12751 Directly Attributed			
12752 Network Operations	D12752*E12749	0.056129	\$0.39
12753 Network Support Assets	D12753*E12749	0.014074	\$0.10
12754 General Support Assets	D12754*E12749	0.057904	\$0.40
12755 General Purpose Computers	D12755*E12749	0.040926	\$0.29
12756 Uncollectible	D12756*E12749	0.001136	\$0.01
12757 Accounting & Finance Expense	D12757*E12749	0.010471	\$0.07
12758 Human Resources Expense	D12758*E12749	0.009808	\$0.07
12759 Information Management Expense	D12759*E12749	0.068149	\$0.48
12760 Intangibles	D12760*E12749	0.002634	\$0.02
12761 Directly Attributed Costs	Sum(E12752:E12760)		\$1.82
12762	<u> </u>		
12763 TELRIC	E12752+E12761		\$8.80
12764			
12765 Common			
12766 Executive Expense	D12766*E12763	0.008052	\$0.07
12767 Planning Expense	D12767*E12763	0.000682	\$0.01
12768 External Relations Expense	D12768*E12763	0.009631	\$0.08
12769 Legal Expense	D12769*E12763	0.007338	\$0.06
12770 Other Procurement Expense	D12770*E12763	0.002772	\$0.02
12771 Research & Development Expense	D12771*E12763	0.000042	\$0.00
12772 Other General and Admin Expense	D12772*E12763	0.019104	\$0.17
12773 Common Costs	Sum(E12766:E12772)		\$0.42
12774			
12775 TELRIC + Common Costs	E12763+E12773		\$9.22

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Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	В	С	D	Е	F	G B * (C Thru F)	Н	I H * (G/60)
MESSAGE TRUNK GROUP, FIRST TRUNK - DS0 DIGITAL INSTALL- MECHANIZED								
<u>*ADD*</u>								
-INTERCONNECT SERVICE CENTER								
Time estimate(s) ordered by commission staff.								
Process order	6	1.000				6.00	\$40.03	\$4.0
Subtotal - INTERCONNECT SERVICE CENTER						6.00		\$4.0
-DESIGN SERVICE CENTER - DESIGNER								
(.05, .20, .95, .80) probability are percent orders worked manual versus mechanized.								
.042 represents 1/24 of a trunk group. Assumes 24 trunks per order.								
.70 probability reflects 30% reduction to work time estimates ordered	40	4 000	0.040	0.700		2.22	01101	
Order handling and screening	10	1.000	0.042 0.042	0.700 0.700		0.29	\$44.31 \$44.31	\$0.2 \$0.0
Build and validate Design Related Info (DRI) and Work Authorization (manual orders) Buid and validate Design Related Info (DRI) and Work Authorization (mechanized orders)	10 4	0.050 0.950	0.042	0.700		0.01 0.11	\$44.31 \$44.31	\$0.0 \$0.0
Build and verify Circuit Design (CD) (manual orders)	15	0.950	0.042	0.700		0.11	\$44.31	\$0.0 \$0.0
Build and verify Circuit Design (CD) (mechanized orders)	3	0.950	0.042	0.700		0.02	\$44.31	\$0.0
Distribute Documents	2	1.000	0.042	0.700		0.06	\$44.31	\$0.0
Perform TAS (Trunk Assignment System) Functions	15	0.750	0.042	0.700		0.33	\$44.31	\$0.2
PCList Trunks	2	1.000	0.042	0.700		0.06	\$44.31	\$0.0
Subtotal - DESIGN SERVICE CENTER - DESIGNER						0.97		\$0.7
-DESIGN SERVICE CENTER - IMPLEMENTOR								
.70 probability reflects 30% reduction to work time estimates ordered								
Screen Work Force Administration-Control Module for order accuracy	10	0.700				7.00	\$43.81	\$5.1
Complete Performance Testing	45	0.700				31.50	\$43.81	\$23.0
Notify co-provider of work completion	5	0.700				3.50	\$43.81	\$2.5
Post order complete in Work Force Administration - Control Module	10	0.700				7.00	\$43.81	\$5.1
Subtotal - DESIGN SERVICE CENTER - IMPLEMENTOR						49.00		\$35.7
-NROC - COMPLEX TRANSLATIONS - TRUNK GROUP								
.50 probability is % of orders establishing a new trunk group								
.70 probability reflects 30% reduction to work time estimates ordered								
Assign Trunk Group Number	10	0.500	0.700			3.50	\$41.45	\$2.4
Analyze Access Service Request/Translations Questionnaire	10	0.500	0.700			3.50	\$41.45	\$2.4
Build New Trunk Group	20	0.500	0.700			7.00	\$41.45	\$4.8
Subtotal - NROC - COMPLEX TRANSLATIONS - TRUNK GROUP						14.00		\$9.6

-NROC - COMPLEX TRANSLATIONS - ROUTE INDEX

Qwest Advice No. 3376T Page 299 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A Study Year: 2001

Analyst: Deffley/Eoriatti
Product Group: Interconnection

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	В	C	D	E	F	G	H	I
						B * (C Thru F)		H * (G/60)
MESSAGE TRUNK GROUP, FIRST TRUNK - DS0 DIGITAL INSTALL- MECHANIZED (con't)								
.50 probability is % of orders establishing a new trunk group .70 probability reflects 30% reduction to work time estimates ordered								
Assign Route Index	10	0.500	0.700			3.50	\$41.45	\$2.42
Subtotal - NROC - COMPLEX TRANSLATIONS - ROUTE INDEX						3.50		\$2.42
-NROC - COMPLEX TRANSLATIONS - TESTING .50 probability is % of orders establishing a new trunk group .70 probability reflects 30% reduction to work time estimates ordered Perform test call Complete work item in Work Force Administration - Dispatch Module	5 5	0.500 0.500	0.700 0.700			1.75 1.75	\$41.45 \$41.45	\$1.21 \$1.21
Subtotal - NROC - COMPLEX TRANSLATIONS - TESTING						3.50		\$2.42
Total For Service:						76.97		\$55.01

Qwest Advice No. 3376T Page 300 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G	Н	
						B * (C Thru F)		H * (G/60)

MESSAGE TRUNK GROUP, FIRST TRUNK - DS0 DIGITAL INSTALL- MECHANIZED (con't)

12872 Direct Cost			\$55.0
12873			
12874	Cost	Cost	
12875	Calculation	Factor	Cost
12876	ВС	D	E
12877 Directly Assigned			
12878 Product Management Expense	D12878*E12872	0.040393	\$2.2
12879 Sales Expense	D12879*E12872	0.014960	\$0.8
12880 Product Advertising Expense	D12880*E12872	0.000000	\$0.
12881 Business Fees (Other Operating Taxes)	D12881*Sum(E12872:E12880)	0.042595	\$2.
12882 Directly Assigned Costs	Sum(E12872:E12881)		\$5.
12883			
12884 Total Direct Costs	E12872+E12882		\$60.
12885			
12886 Directly Attributed			
12887 Network Operations	D12887*E12884	0.056129	\$3.
12888 Network Support Assets	D12888*E12884	0.014074	\$0.
12889 General Support Assets	D12889*E12884	0.057904	\$3.
12890 General Purpose Computers	D12890*E12884	0.040926	\$2.
12891 Uncollectible	D12891*E12884	0.001136	\$0.
12892 Accounting & Finance Expense	D12892*E12884	0.010471	\$0.
12893 Human Resources Expense	D12893*E12884	0.009808	\$0.
12894 Information Management Expense	D12894*E12884	0.068149	\$4.
12895 Intangibles	D12895*E12884	0.002634	\$0.
12896 Directly Attributed Costs	Sum(E12887:E12895)		\$15.
12897	, , , , , , , , , , , , , , , , , , ,		
12898 TELRIC	E12887+E12896		\$76.
12899			
12900 Common			
12901 Executive Expense	D12901*E12898	0.008052	\$0.
12902 Planning Expense	D12902*E12898	0.000682	\$0.
12903 External Relations Expense	D12903*E12898	0.009631	\$0.
12904 Legal Expense	D12904*E12898	0.007338	\$0.
12905 Other Procurement Expense	D12905*E12898	0.002772	\$0.
12906 Research & Development Expense	D12906*E12898	0.000042	\$0.
12907 Other General and Admin Expense	D12907*E12898	0.019104	\$1.
12908 Common Costs	Sum(E12901:E12907)		\$3.
12909			
12910 TELRIC + Common Costs	E12898+E12908		\$79.

Qwest Advice No. 3376T Page 301 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A Study Year: 2001

Analyst: Deffley/Eoriatti
Product Group: Interconnection

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	В	С	D	E	F	G B * (C Thru F)	Н	I H * (G/60)
MESSAGE TRUNK GROUP, FIRST TRUNK - DS0 DIGITAL INSTALL- MANUAL								
ADD								
-INTERCONNECT SERVICE CENTER								
NO MANUAL ISC TIMES PREVIOUSLY FILED IN THIS DOCKET, THEREFORE, CURRENT QWEST ISC TIMES APPLIED.								
.70 probability reflects 30% reduction to work time estimates ordered								
Analysis of request	5	0.700				3.50	\$39.16	\$2.28
Validate Connecting Facilities Arrangement / Network Channel-Network Channel Interface	2	0.700				1.40	\$39.16	\$0.91
Validate switch location Obtain Trunk Group Number and Route Index	10 20	0.700 0.700				7.00 14.00	\$39.16 \$39.16	\$4.57 \$9.14
Obtain Tele # / DID # Blocks	10	0.700				7.00	\$39.16	\$4.57
Determine Critical Dates	5	0.700				3.50	\$39.16	\$2.28
Confirm (Firm Order Confirmation) Local Service Request	5	0.700				3.50	\$39.16	\$2.28
Check for Service Order Analysis and Control errors	5	0.700				3.50	\$39.16	\$2.28
Order completion Issue service order	5 15	0.700 0.700				3.50 10.50	\$39.16 \$39.16	\$2.28 \$6.85
issue service order	15	0.700				10.50	Ф 39.10	φ0.00
Subtotal - INTERCONNECT SERVICE CENTER						57.40		\$37.46
								,
-DESIGN SERVICE CENTER - DESIGNER Prob 1 (05, 20, 05, 90) are persont audiers worked manual various machining								
Prob 1 (.05, .20, .95, .80) are percent orders worked manual versus mechanized042 represents 1/24 of a trunk group. Assumes 24 trunks per order.								
.70 probability reflects 30% reduction to work time estimates ordered								
Order handling and screening	10	1.000	0.042	0.700		0.29	\$44.31	\$0.22
Build and validate Design Related Info (DRI) and Work Authorization (manual orders)	10	0.050	0.042	0.700		0.01	\$44.31	\$0.01
Build and validate Design Related Info (DRI) and Work Authorization (mechanized orders)	. 4	0.950	0.042	0.700		0.11	\$44.31	\$0.08
Build and verify Circuit Design (CD) (manual orders) Build and verify Circuit Design (CD) (mechanized orders)	15 3	0.050 0.950	0.042 0.042	0.700 0.700		0.02 0.08	\$44.31 \$44.31	\$0.02 \$0.06
Distribute Documents	3 2	1.000	0.042	0.700		0.06	\$44.31	\$0.06 \$0.04
Perform TAS (Trunk Assignment System) Functions	15	0.750	0.042	0.700		0.33	\$44.31	\$0.04 \$0.24
PCList Trunks	2	1.000	0.042	0.700		0.06	\$44.31	\$0.04
Subtotal - DESIGN SERVICE CENTER - DESIGNER						0.97		\$0.72
						0.0.		40 2
-DESIGN SERVICE CENTER - IMPLEMENTOR								
.70 probability reflects 30% reduction to work time estimates ordered	40	0.700				7.00	¢42.04	ድ ፫ 44
Screen Work Force Administration-Control Module for order accuracy Complete Performance Testing	10 45	0.700 0.700				7.00 31.50	\$43.81 \$43.81	\$5.11 \$23.00
Notify co-provider of work completion	45 5	0.700				3.50	\$43.81	\$2.56
Post order complete in Work Force Administration - Control Module	10	0.700				7.00	\$43.81	\$5.11
Subtotal - DESIGN SERVICE CENTER - IMPLEMENTOR						49.00		\$35.78
						12.00		7.5

Qwest Advice No. 3376T Page 302 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A Study Year: 2001

Analyst: Deffley/Eoriatti
Product Group: Interconnection

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G D + (O There F)	Н	
						B * (C Thru F)		H * (G/60)
MESSAGE TRUNK GROUP, FIRST TRUNK - DS0 DIGITAL INSTALL- MANUAL (con't)								
-NROC - COMPLEX TRANSLATIONS - TRUNK GROUP								
.50 probability is % of orders establishing a new trunk group								
.70 probability reflects 30% reduction to work time estimates ordered Assign Trunk Group Number	10	0.500	0.700			3.50	\$41.45	\$2.42
Analyze Access Service Request/Translations Questionnaire	10	0.500	0.700			3.50	\$41.45	\$2.42 \$2.42
Build New Trunk Group	20	0.500	0.700			7.00	\$41.45	\$4.84
								40.0=
Subtotal - NROC - COMPLEX TRANSLATIONS - TRUNK GROUP						14.00		\$9.67
-NROC - COMPLEX TRANSLATIONS - ROUTE INDEX								
.50 probability is % of orders establishing a new trunk group								
.70 probability reflects 30% reduction to work time estimates ordered	40	0.500	0.700			0.50	044 45	0 0.40
Assign Route Index	10	0.500	0.700			3.50	\$41.45	\$2.42
Subtotal - NROC - COMPLEX TRANSLATIONS - ROUTE INDEX						3.50		\$2.42
-NROC - COMPLEX TRANSLATIONS - TESTING								
.50 probability is % of orders establishing a new trunk group								
.70 probability reflects 30% reduction to work time estimates ordered							.	
Perform test call	5 5	0.500	0.700 0.700			1.75 1.75	\$41.45 \$41.45	\$1.21 \$1.21
Complete work item in Work Force Administration - Dispatch Module	5	0.500	0.700			1.75	Ф41.40	\$1.21
Subtotal - NROC - COMPLEX TRANSLATIONS - TESTING						3.50		\$2.42
Total For Service:						128.37		\$88.47
Total For Gervice.						120.57		Ψ00.47

Qwest Advice No. 3376T Page 303 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G	Н	
						B * (C Thru F)		H * (G/60)

MESSAGE TRUNK GROUP, FIRST TRUNK - DS0 DIGITAL INSTALL- MANUAL (con't)

13007 Direct Cost			\$88.47
13008			
13009	Cost	Cost	
13010	Calculation	Factor	Cost
13011	ВС	D	E
13012 Directly Assigned	•		
13013 Product Management Expense	D13013*E13007	0.040393	\$3.57
13014 Sales Expense	D13014*E13007	0.014960	\$1.32
13015 Product Advertising Expense	D13015*E13007	0.000000	\$0.00
13016 Business Fees (Other Operating Taxes)	D13016*Sum(E13007:E13015)	0.042595	\$3.98
13017 Directly Assigned Costs	Sum(E13007:E13016)		\$8.87
13018			
13019 Total Direct Costs	E13007+E13017		\$97.34
13020			•
13021 Directly Attributed			
13022 Network Operations	D13022*E13019	0.056129	\$5.46
13023 Network Support Assets	D13023*E13019	0.014074	\$1.37
13024 General Support Assets	D13024*E13019	0.057904	\$5.64
13025 General Purpose Computers	D13025*E13019	0.040926	\$3.98
13026 Uncollectible	D13026*E13019	0.001136	\$0.11
13027 Accounting & Finance Expense	D13027*E13019	0.010471	\$1.02
13028 Human Resources Expense	D13028*E13019	0.009808	\$0.95
13029 Information Management Expense	D13029*E13019	0.068149	\$6.63
13030 Intangibles	D13030*E13019	0.002634	\$0.26
13031 Directly Attributed Costs	Sum(E13022:E13030)		\$25.43
13032	, ,		
13033 TELRIC	E13022+E13031		\$122.77
13034			•
13035 Common			
13036 Executive Expense	D13036*E13033	0.008052	\$0.99
13037 Planning Expense	D13037*E13033	0.000682	\$0.08
13038 External Relations Expense	D13038*E13033	0.009631	\$1.18
13039 Legal Expense	D13039*E13033	0.007338	\$0.90
13040 Other Procurement Expense	D13040*E13033	0.002772	\$0.34
13041 Research & Development Expense	D13041*E13033	0.000042	\$0.01
13042 Other General and Admin Expense	D13042*E13033	0.019104	\$2.35
13043 Common Costs	Sum(E13036:E13042)		\$5.85
13044	·		
	E13033+E13043		

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Study Name: PART D FINAL ORDER NRC STUDY 7246 A Study Year: 2001

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

B B	#1 C	#2 D	#3 E	#4 F	(Minutes) G B*(C Thru F)	H H \$40.03	Cost H * (G/60)
6	1.000				6.00	\$40.03	\$4.0
6	1.000				6.00	\$40.03	\$4.0
6	1.000				6.00	\$40.03	\$4.0
6	1.000				6.00	\$40.03	\$4.0
6	1.000				6.00	\$40.03	\$4.0
							*
					6.00		\$4.0
10	1 000	0.042	0.700		0.29	\$44.31	\$0.
2							\$0.
5							\$0.
2							\$0.
							\$0.
	0.950	0.042	0.700		0.06	\$44.31	\$0.
2	1.000	0.042	0.700		0.06	\$44.31	\$0.0
					0.55		\$0.4
							•
5	0.700				3.50	\$43.81	\$2.
5							\$2.
5	0.700				3.50	\$43.81	\$2.
					10.50		\$7.
					17.05		\$12.0
	5 5	2 1.000 5 0.050 2 0.950 10 0.050 2 0.950 2 1.000 5 0.700 5 0.700	2 1.000 0.042 5 0.050 0.042 2 0.950 0.042 10 0.050 0.042 2 0.950 0.042 2 1.000 0.042 5 0.700 5 0.700	2 1.000 0.042 0.700 5 0.050 0.042 0.700 2 0.950 0.042 0.700 10 0.050 0.042 0.700 2 0.950 0.042 0.700 2 1.000 0.042 0.700 5 0.700 5 0.700	2 1.000 0.042 0.700 5 0.050 0.042 0.700 2 0.950 0.042 0.700 10 0.050 0.042 0.700 2 0.950 0.042 0.700 2 1.000 0.042 0.700 2 1.000 0.042 0.700 5 0.700 5 0.700	2 1.000 0.042 0.700 0.06 5 0.050 0.042 0.700 0.01 2 0.950 0.042 0.700 0.06 10 0.050 0.042 0.700 0.01 2 0.950 0.042 0.700 0.06 2 1.000 0.042 0.700 0.06 0.55	2 1.000 0.042 0.700 0.06 \$44.31 5 0.050 0.042 0.700 0.01 \$44.31 2 0.950 0.042 0.700 0.06 \$44.31 10 0.050 0.042 0.700 0.01 \$44.31 2 0.950 0.042 0.700 0.06 \$44.31 2 1.000 0.042 0.700 0.06 \$44.31 0.55 5 0.700 3.50 \$43.81 5 0.700 3.50 \$43.81 5 0.700 3.50 \$43.81 5 0.700 3.50 \$43.81

Qwest Advice No. 3376T Page 305 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G	Н	
						B * (C Thru F)		H * (G/60)

MESSAGE TRUNK GROUP, FIRST TRUNK - DS0 DIGITAL DISCONNECT - MECHANIZED (con't)

13097 Direct Cost			\$12.07
13098			
13099	Cost	Cost	
13100	Calculation	Factor	Cost
13101	ВС	D	E
13102 Directly Assigned			
13103 Product Management Expense	D13103*E13097	0.040393	\$0.49
13104 Sales Expense	D13104*E13097	0.014960	\$0.18
13105 Product Advertising Expense	D13105*E13097	0.000000	\$0.00
13106 Business Fees (Other Operating Taxes)	D13106*Sum(E13097:E13105)	0.042595	<u>\$0.54</u>
13107 Directly Assigned Costs	Sum(E13097:E13106)		\$1.21
13108			
13109 Total Direct Costs	E13097+E13107		\$13.28
13110			
13111 Directly Attributed			_
13112 Network Operations	D13112*E13109	0.056129	\$0.75
13113 Network Support Assets	D13113*E13109	0.014074	\$0.19
13114 General Support Assets	D13114*E13109	0.057904	\$0.77
13115 General Purpose Computers	D13115*E13109	0.040926	\$0.54
13116 Uncollectible	D13116*E13109	0.001136	\$0.02
13117 Accounting & Finance Expense	D13117*E13109	0.010471	\$0.14
13118 Human Resources Expense	D13118*E13109	0.009808	\$0.13
13119 Information Management Expense	D13119*E13109	0.068149	\$0.91
13120 Intangibles	D13120*E13109	0.002634	\$0.03
13121 Directly Attributed Costs	Sum(E13112:E13120)		\$3.47
13122	=		010 ==
13123 TELRIC	E13112+E13121		\$16.75
13124			
13125 Common	D40400*F40400	0.000050	00.40
13126 Executive Expense	D13126*E13123	0.008052	\$0.13
13127 Planning Expense	D13127*E13123	0.000682	\$0.01
13128 External Relations Expense	D13128*E13123	0.009631	\$0.16
13129 Legal Expense	D13129*E13123	0.007338	\$0.12
13130 Other Procurement Expense	D13130*E13123	0.002772	\$0.05
13131 Research & Development Expense	D13131*E13123	0.000042	\$0.00
13132 Other General and Admin Expense	D13132*E13123	0.019104	\$0.32
13133 Common Costs	Sum(E13126:E13132)		\$0.80
13134	E40400 E40400		047.55
13135 TELRIC + Common Costs	E13123+E13133		\$17.55

Qwest Advice No. 3376T Page 306 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A Study Year: 2001

Analyst: Deffley/Eoriatti
Product Group: Interconnection

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	В	С	D	E	F	G B * (C Thru F)	Н	I H * (G/60)
						, ,		, ,
MESSAGE TRUNK GROUP, FIRST TRUNK - DS0 DIGITAL DISCONNECT - MANUAL								
ADD								
-INTERCONNECT SERVICE CENTER NO MANUAL ISC TIMES PREVIOUSLY FILED IN THIS DOCKET, THEREFORE, CURRENT QWEST ISC TIMES APPLIED.								
.70 probability reflects 30% reduction to work time estimates ordered Analysis of request	5	0.700				3.50	\$39.16	\$2.28
Verify existing account activity Check for Service Order Analysis and Control errors	2 5	0.700 0.700				1.40 3.50	\$39.16 \$39.16	\$0.91 \$2.28
Order completion	5 5	0.700				3.50	\$39.16	\$2.28
Issue service order	5	0.700				3.50	\$39.16	\$2.28
Subtotal - INTERCONNECT SERVICE CENTER						15.40		\$10.05
-DESIGN SERVICE CENTER - DESIGNER (.05, .20, .95, .80) probability are percent orders worked manual versus mechanized042 represents 1/24 of a trunk group. Assumes 24 trunks per order70 probability reflects 30% reduction to work time estimates ordered								
Order handling and screening	10	1.000	0.042	0.700		0.29	\$44.31	\$0.22
Build and validate Design Related Info (DRI) and Work Authorization (manual orders) Buid and validate Design Related Info (DRI) and Work Authorization (mechanized orders)	10 4	0.050 0.950	0.042 0.042	0.700 0.700		0.01 0.11	\$44.31 \$44.31	\$0.01 \$0.08
Build and verify Circuit Design (CD) (manual orders)	15	0.050	0.042	0.700		0.02	\$44.31	\$0.02
Build and verify Circuit Design (CD) (mechanized orders) Distribute Documents	3 2	0.950 1.000	0.042 0.042	0.700 0.700		0.08 0.06	\$44.31 \$44.31	\$0.06 \$0.04
Perform TAS (Trunk Assignment System) Functions	15	0.750	0.042	0.700		0.33	\$44.31	\$0.24
PCList Trunks	2	1.000	0.042	0.700		0.06	\$44.31	\$0.04
Subtotal - DESIGN SERVICE CENTER - DESIGNER						0.97		\$0.72
-DESIGN SERVICE CENTER - IMPLEMENTOR								
.70 probability reflects 30% reduction to work time estimates ordered Screen Work Force Administration for circuit	5	0.700				3.50	\$43.81	\$2.56
Complete performance testing	6	0.700				4.20	\$43.81	\$2.56 \$3.07
Post order complete in Work Force Administration - Control Module	1	0.700				0.70	\$43.81	\$0.51
Subtotal - DESIGN SERVICE CENTER - IMPLEMENTOR						8.40		\$6.13
Total For Service:						24.77		\$16.90

Qwest Advice No. 3376T Page 307 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G	Н	
						B * (C Thru F)		H * (G/60)

MESSAGE TRUNK GROUP, FIRST TRUNK - DS0 DIGITAL DISCONNECT - MANUAL (con't)

alculation B C 3193*E13187 3194*E13187 3195*E13187 3196*Sum(E13187:E13196) m(E13187:E13196) 3187+E13197 3202*E13199 3203*E13199 3204*E13199 3206*E13199 3206*E13199 3208*E13199 3208*E13199 3208*E13199	0.040393 0.014960 0.000000 0.002595 0.056129 0.014074 0.057904 0.040926 0.001136 0.010471 0.009808	\$0.66 \$0.25 \$0.00 \$0.76 \$1.70 \$18.60 \$1.04 \$0.26 \$1.08 \$0.76 \$0.02 \$0.02
3193*E13187 3194*E13187 3195*E13187 3196*Sum(E13187:E13196) m(E13187:E13196) 3187+E13197 3202*E13199 3203*E13199 3204*E13199 3205*E13199 3206*E13199 3206*E13199 3206*E13199	0.040393 0.014960 0.000000 0.042595 0.056129 0.014074 0.057904 0.040926 0.001136 0.010471	\$0.68 \$0.25 \$0.00 \$0.76 \$1.70 \$18.60 \$1.04 \$0.26 \$1.08 \$0.76 \$0.02
3194*E13187 3196*Sum(E13187:E13195) m(E13187:E13196) 3187+E13197 3202*E13199 3203*E13199 3204*E13199 3205*E13199 3206*E13199 3206*E13199 3206*E13199 3206*E13199	0.014960 0.000000 0.042595 0.042595 0.014074 0.057904 0.040926 0.001136 0.010471	\$0.25 \$0.00 \$0.76 \$1.70 \$18.60 \$1.04 \$0.26 \$1.08 \$0.76 \$0.02
3194*E13187 3196*Sum(E13187:E13195) m(E13187:E13196) 3187+E13197 3202*E13199 3203*E13199 3204*E13199 3205*E13199 3206*E13199 3206*E13199 3206*E13199 3206*E13199	0.014960 0.000000 0.042595 0.042595 0.014074 0.057904 0.040926 0.001136 0.010471	\$0.25 \$0.00 \$0.76 \$1.70 \$18.60 \$1.04 \$0.26 \$1.08 \$0.76 \$0.02
3195*E13187 3196*Sum(E13187:E13196) m(E13187:E13196) 3187+E13197 3202*E13199 3203*E13199 3204*E13199 3205*E13199 3206*E13199 3207*E13199 3208*E13199	0.000000 0.042595 0.042595 0.056129 0.014074 0.057904 0.040926 0.001136 0.010471	\$0.00 \$0.76 \$1.70 \$18.60 \$1.04 \$0.26 \$1.00 \$0.76 \$0.02
3196*Sum(E13187:E13195) m(E13187:E13196) 3187+E13197 3202*E13199 3203*E13199 3204*E13199 3205*E13199 3205*E13199 3207*E13199 3207*E13199	0.042595 0.056129 0.014074 0.057904 0.040926 0.001136 0.010471	\$1.70 \$1.70 \$18.60 \$1.00 \$0.20 \$1.00 \$0.70 \$0.00
m(E13187:E13196) 3187+E13197 3202*E13199 3203*E13199 3204*E13199 3205*E13199 3206*E13199 3207*E13199 3208*E13199	0.056129 0.014074 0.057904 0.040926 0.001136 0.010471	\$1.70 \$18.60 \$1.00 \$0.20 \$1.00 \$0.70 \$0.70
3187+E13197 3202*E13199 3203*E13199 3204*E13199 3205*E13199 3206*E13199 3207*E13199 3208*E13199	0.014074 0.057904 0.040926 0.001136 0.010471	\$18.6 \$1.0 \$0.2 \$1.0 \$0.7 \$0.7
3202*E13199 3203*E13199 3204*E13199 3205*E13199 3206*E13199 3207*E13199 3208*E13199	0.014074 0.057904 0.040926 0.001136 0.010471	\$1.0 \$0.2 \$1.0 \$0.7 \$0.0
3202*E13199 3203*E13199 3204*E13199 3205*E13199 3206*E13199 3207*E13199 3208*E13199	0.014074 0.057904 0.040926 0.001136 0.010471	\$1.0 \$0.2 \$1.0 \$0.7 \$0.0
3203*E13199 3204*E13199 3205*E13199 3206*E13199 3207*E13199 3208*E13199	0.014074 0.057904 0.040926 0.001136 0.010471	\$0.2 \$1.0 \$0.7 \$0.0
3203*E13199 3204*E13199 3205*E13199 3206*E13199 3207*E13199 3208*E13199	0.014074 0.057904 0.040926 0.001136 0.010471	\$0.2 \$1.0 \$0.7 \$0.0
3203*E13199 3204*E13199 3205*E13199 3206*E13199 3207*E13199 3208*E13199	0.014074 0.057904 0.040926 0.001136 0.010471	\$0.2 \$1.0 \$0.7 \$0.0
3204*E13199 3205*E13199 3206*E13199 3207*E13199 3208*E13199	0.057904 0.040926 0.001136 0.010471	\$1.0 \$0.7 \$0.0
3205*E13199 3206*E13199 3207*E13199 3208*E13199	0.040926 0.001136 0.010471	\$0.7 \$0.0
3206*E13199 3207*E13199 3208*E13199	0.001136 0.010471	\$0.0
3207*E13199 3208*E13199	0.010471	
3208*E13199		\$0.1
	0.009808	
2200*E12100		\$0.1
	0.068149	\$1.2
3210*E13199	0.002634	\$0.0
m(E13202:E13210)		\$4.8
3202+E13211		\$23.4
3216*E13213	0.008052	\$0.1
3217*E13213	0.000682	\$0.0
3218*E13213	0.009631	\$0.2
3219*E13213	0.007338	\$0.1
3220*E13213	0.002772	\$0.0
3221*E13213	0.000042	\$0.0
3222*E13213	0.019104	\$0.4
m(E13216:E13222)		\$1.1
	3202+E13211 3216*E13213 3217*E13213 3218*E13213 3219*E13213 3220*E13213 3222*E13213 im(E13216:E13222) 3213+E13223	3216*E13213 0.008052 3217*E13213 0.000682 3218*E13213 0.009631 3219*E13213 0.007338 3220*E13213 0.002772 3221*E13213 0.000042 3222*E13213 0.019104 Im(E13216:E13222)

Qwest Advice No. 3376T Page 308 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A Study Year: 2001

Analyst: Deffley/Eoriatti

Product Group: Interconnection

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	В	C	D	E	F	G B * (C Thru F)	H	H * (G/60)
MESSAGE TRUNK GROUP, EACH ADDITIONAL - DS0 DIGITAL INSTALL- MECHANIZED								
ADD*								
INTERCONNECT SERVICE CENTER								
Time estimate(s) ordered by commission staff.	_						•	
Process order	6	1.000				6.00	\$40.03	\$4.0
ubtotal - INTERCONNECT SERVICE CENTER						6.00		\$4.0
DESIGN SERVICE CENTER - DESIGNER								
(.05, .20, .95, .80) probability are percent orders worked manual versus mechanized.								
.042 represents 1/24 of a trunk group. Assumes 24 trunks per order.								
.70 probability reflects 30% reduction to work time estimates ordered								
Order handling and screening	10	1.000	0.042	0.700		0.29	\$44.31	\$0.2
Build and validate Design Related Info (DRI) and Work Authorization (manual orders)	10	0.050	0.042	0.700		0.01	\$44.31	\$0.0
Buid and validate Design Related Info (DRI) and Work Authorization (mechanized orders)	4	0.950	0.042	0.700		0.11	\$44.31	\$0.0
Build and verify Circuit Design (CD) (manual orders)	15	0.050	0.042	0.700		0.02	\$44.31	\$0.0
Build and verify Circuit Design (CD) (mechanized orders)	3	0.950	0.042	0.700		0.08	\$44.31	\$0.0
Distribute Documents	2	1.000	0.042	0.700		0.06	\$44.31	\$0.0
Perform TAS (Trunk Assignment System) Functions	15	0.750	0.042	0.700		0.33	\$44.31	\$0.2
PCList Trunks	2	1.000	0.042	0.700		0.06	\$44.31	\$0.0
ubtotal - DESIGN SERVICE CENTER - DESIGNER						0.97		\$0.7
DESIGN SERVICE CENTER - IMPLEMENTOR								
.70 probability reflects 30% reduction to work time estimates ordered								
Screen Work Force Administration for circuit	5	0.700				3.50	\$43.81	\$2.5
Complete perfomance testing	6	0.700				4.20	\$43.81	\$3.0
Post order complete in Work Force Administration - Control Module	1	0.700				0.70	\$43.81	\$0.5
ıbtotal - DESIGN SERVICE CENTER - IMPLEMENTOR						8.40		\$6.1
adal Fay Camina.						15.37		\$10.86
fotal For Service:						15.37		\$10.86

Qwest Advice No. 3376T Page 309 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G	Н	
						B * (C Thru F)		H * (G/60)

MESSAGE TRUNK GROUP, EACH ADDITIONAL - DS0 DIGITAL INSTALL- MECHANIZED (con't)

13277 Direct Cost			\$10.86
13278			
13279	Cost	Cost	
13280	Calculation	Factor	Cost
13281	ВС	D	Е
13282 Directly Assigned			
13283 Product Management Expense	D13283*E13277	0.040393	\$0.44
13284 Sales Expense	D13284*E13277	0.014960	\$0.16
13285 Product Advertising Expense	D13285*E13277	0.000000	\$0.00
13286 Business Fees (Other Operating Taxes)	D13286*Sum(E13277:E13285)	0.042595	\$0.49
13287 Directly Assigned Costs	Sum(E13277:E13286)		\$1.09
13288			
13289 Total Direct Costs	E13277+E13287		\$11.95
13290			•
13291 Directly Attributed			
13292 Network Operations	D13292*E13289	0.056129	\$0.67
13293 Network Support Assets	D13293*E13289	0.014074	\$0.17
13294 General Support Assets	D13294*E13289	0.057904	\$0.69
13295 General Purpose Computers	D13295*E13289	0.040926	\$0.49
13296 Uncollectible	D13296*E13289	0.001136	\$0.01
13297 Accounting & Finance Expense	D13297*E13289	0.010471	\$0.13
13298 Human Resources Expense	D13298*E13289	0.009808	\$0.12
13299 Information Management Expense	D13299*E13289	0.068149	\$0.81
13300 Intangibles	D13300*E13289	0.002634	\$0.03
13301 Directly Attributed Costs	Sum(E13292:E13300)		\$3.12
13302			
13303 TELRIC	E13292+E13301		\$15.07
13304			
13305 Common			
13306 Executive Expense	D13306*E13303	0.008052	\$0.12
13307 Planning Expense	D13307*E13303	0.000682	\$0.01
13308 External Relations Expense	D13308*E13303	0.009631	\$0.15
13309 Legal Expense	D13309*E13303	0.007338	\$0.11
13310 Other Procurement Expense	D13310*E13303	0.002772	\$0.04
13311 Research & Development Expense	D13311*E13303	0.000042	\$0.00
13312 Other General and Admin Expense	D13312*E13303	0.019104	\$0.29
13313 Common Costs	Sum(E13306:E13312)		\$0.72
13314			
13315 TELRIC + Common Costs	E13303+E13313		\$15.78

Qwest Advice No. 3376T Page 310 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A Study Year: 2001

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G B * (C Thru F)	Н	I H * (G/60)
						B (CIMUF)		H (G/60)
MESSAGE TRUNK GROUP, EACH ADDITIONAL - DS0 DIGITAL INSTALL- MANUAL								
ADD								
-INTERCONNECT SERVICE CENTER								
NO MANUAL ISC TIMES PREVIOUSLY FILED IN THIS DOCKET, THEREFORE, CURRENT QWEST ISC TIMES APPLIED.								
.70 probability reflects 30% reduction to work time estimates ordered								
Validate Connecting Facility Arrangement, Network Channel/Network Channel Interface	0.25	1.000	0.700			0.18	\$39.16	\$0.11
Obtain Telephone #/DID number blocks Order completion	10	0.500 1.000	0.700 0.700			3.50 3.50	\$39.16 \$39.16	\$2.28 \$2.28
Check for Service Order Analysis and Control	5	1.000	0.700			3.50	\$39.16	\$2.28
Issue Service order	3	1.000	0.700			2.10	\$39.16	\$1.37
Subtotal - INTERCONNECT SERVICE CENTER						12.78		\$8.34
								70.0
-DESIGN SERVICE CENTER - DESIGNER								
(.05, .20, .95, .80) probability are percent orders worked manual versus mechanized.								
.042 represents 1/24 of a trunk group. Assumes 24 trunks per order70 probability reflects 30% reduction to work time estimates ordered								
Order handling and screening	10	1.000	0.042	0.700		0.29	\$44.31	\$0.22
Build and validate Design Related Info (DRI) and Work Authorization (manual orders)	10	0.050	0.042	0.700		0.01	\$44.31	\$0.01
Buid and validate Design Related Info (DRI) and Work Authorization (mechanized orders)	4	0.950	0.042	0.700		0.11	\$44.31	\$0.08
Build and verify Circuit Design (CD) (manual orders)	15	0.050	0.042	0.700		0.02	\$44.31	\$0.02
Build and verify Circuit Design (CD) (mechanized orders)	3	0.950	0.042	0.700		0.08	\$44.31	\$0.06
Distribute Documents	2	1.000	0.042	0.700		0.06	\$44.31	\$0.04
Perform TAS (Trunk Assignment System) Functions	15	0.750	0.042	0.700		0.33	\$44.31	\$0.24
PCList Trunks	2	1.000	0.042	0.700		0.06	\$44.31	\$0.04
Subtotal - DESIGN SERVICE CENTER - DESIGNER						0.97		\$0.72
-DESIGN SERVICE CENTER - IMPLEMENTOR								
.70 probability reflects 30% reduction to work time estimates ordered								
Screen Work Force Administration for circuit	5	0.700				3.50	\$43.81	\$2.56
Complete perfomance testing	6	0.700				4.20	\$43.81	\$3.07
Post order complete in Work Force Administration - Control Module	1	0.700				0.70	\$43.81	\$0.51
Subtotal - DESIGN SERVICE CENTER - IMPLEMENTOR						8.40		\$6.13
Tours of the						20.45		645.40
Total For Service:						22.15		\$15.19

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Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G	Н	[
						B * (C Thru F)		H * (G/60)

MESSAGE TRUNK GROUP, EACH ADDITIONAL - DS0 DIGITAL INSTALL- MANUAL (con't)

13367 Direct Cost			\$15.19
13368			
13369	Cost	Cost	
13370	Calculation	Factor	Cost
13371	ВС	D	Е
13372 Directly Assigned			
13373 Product Management Expense	D13373*E13367	0.040393	\$0.61
13374 Sales Expense	D13374*E13367	0.014960	\$0.23
13375 Product Advertising Expense	D13375*E13367	0.000000	\$0.00
13376 Business Fees (Other Operating Taxes)	D13376*Sum(E13367:E13375)	0.042595	\$0.68
13377 Directly Assigned Costs	Sum(E13367:E13376)		\$1.52
13378			
13379 Total Direct Costs	E13367+E13377		\$16.71
13380			
13381 Directly Attributed			
13382 Network Operations	D13382*E13379	0.056129	\$0.94
13383 Network Support Assets	D13383*E13379	0.014074	\$0.24
13384 General Support Assets	D13384*E13379	0.057904	\$0.97
13385 General Purpose Computers	D13385*E13379	0.040926	\$0.68
13386 Uncollectible	D13386*E13379	0.001136	\$0.02
13387 Accounting & Finance Expense	D13387*E13379	0.010471	\$0.18
13388 Human Resources Expense	D13388*E13379	0.009808	\$0.16
13389 Information Management Expense	D13389*E13379	0.068149	\$1.14
13390 Intangibles	D13390*E13379	0.002634	\$0.04
13391 Directly Attributed Costs	Sum(E13382:E13390)		\$4.37
13392			
13393 TELRIC	E13382+E13391		\$21.08
13394			
13395 Common			
13396 Executive Expense	D13396*E13393	0.008052	\$0.17
13397 Planning Expense	D13397*E13393	0.000682	\$0.01
13398 External Relations Expense	D13398*E13393	0.009631	\$0.20
13399 Legal Expense	D13399*E13393	0.007338	\$0.15
13400 Other Procurement Expense	D13400*E13393	0.002772	\$0.06
13401 Research & Development Expense	D13401*E13393	0.000042	\$0.00
13402 Other General and Admin Expense	D13402*E13393	0.019104	\$0.40
13403 Common Costs	Sum(E13396:E13402)		\$1.00
13404			
13405 TELRIC + Common Costs	E13393+E13403		\$22.09

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Study Name: PART D FINAL ORDER NRC STUDY 7246 A Study Year: 2001

Analyst: Deffley/Eoriatti

Product Group: Interconnection

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
Work nem A	B	#1 C	#2 D	#3 F	## F	G	H	Cost
··	2	Ü	J	_	·	B * (C Thru F)		H * (G/60)
IESSAGE TRUNK GROUP, EACH ADDITIONAL - DS0 DIGITAL DIS - MECHANIZED								
DISCONNECT*								
NTERCONNECT SERVICE CENTER								
Time estimate(s) ordered by commission staff.								
Process order	6	1.000				6.00	\$40.03	\$4.00
ubtotal - INTERCONNECT SERVICE CENTER						6.00		\$4.00
ATOLON OFFICE OFFICE DECIDING								
DESIGN SERVICE CENTER - DESIGNER Prob 1 (.05, .95) are pecent orders worked manual versus mechanized.								
.042 represents 1/24 of a trunk group. Assumes 24 trunks per order.								
.70 probability reflects 30% reduction to work time estimates ordered								
Order handling and screening	10	1.000	0.042	0.700		0.29	\$44.31	\$0.22
PCList Trunks	2	1.000	0.042	0.700		0.06	\$44.31	\$0.04
Build and Validate Work Authorization (manual orders)	5	0.050	0.042	0.700		0.01	\$44.31	\$0.01
Build and Validate Work Authorization (mechanized orders)	2	0.950	0.042	0.700		0.06	\$44.31	\$0.04
Build and verify circuit design (manual orders)	10	0.050	0.042	0.700		0.01	\$44.31	\$0.01
Build and verify circuit design (mechanized orders)	2	0.950	0.042	0.700		0.06	\$44.31	\$0.04
Distribute Documents	2	1.000	0.042	0.700		0.06	\$44.31	\$0.04
ubtotal - DESIGN SERVICE CENTER - DESIGNER						0.55		\$0.40
DESIGN SERVICE CENTER - IMPLEMENTOR								
.70 probability reflects 30% reduction to work time estimates ordered								
Screen Work Force Administration - Control Module for order accuracy	5	0.700				3.50	\$43.81	\$2.56
Complete circuit in Work Force Administration - Control Module	5	0.700				3.50	\$43.81	\$2.56
ubtotal - DESIGN SERVICE CENTER - IMPLEMENTOR						7.00		\$5.11
otal For Service:						13.55		\$9.52

Qwest Advice No. 3376T Page 313 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G	Н	[
						B * (C Thru F)		H * (G/60)

MESSAGE TRUNK GROUP, EACH ADDITIONAL - DS0 DIGITAL DIS - MECHANIZED (con't)

13457 Direct Cost			\$9.52
13458			
13459	Cost	Cost	
13460	Calculation	Factor	Cost
13461	ВС	D	E
13462 Directly Assigned			
13463 Product Management Expense	D13463*E13457	0.040393	\$0.38
13464 Sales Expense	D13464*E13457	0.014960	\$0.14
13465 Product Advertising Expense	D13465*E13457	0.000000	\$0.00
13466 Business Fees (Other Operating Taxes)	D13466*Sum(E13457:E13465)	0.042595	\$0.43
13467 Directly Assigned Costs	Sum(E13457:E13466)		\$0.95
13468			
13469 Total Direct Costs	E13457+E13467		\$10.47
13470			
13471 Directly Attributed			
13472 Network Operations	D13472*E13469	0.056129	\$0.59
13473 Network Support Assets	D13473*E13469	0.014074	\$0.15
13474 General Support Assets	D13474*E13469	0.057904	\$0.61
13475 General Purpose Computers	D13475*E13469	0.040926	\$0.43
13476 Uncollectible	D13476*E13469	0.001136	\$0.01
13477 Accounting & Finance Expense	D13477*E13469	0.010471	\$0.11
13478 Human Resources Expense	D13478*E13469	0.009808	\$0.10
13479 Information Management Expense	D13479*E13469	0.068149	\$0.71
13480 Intangibles	D13480*E13469	0.002634	\$0.03
13481 Directly Attributed Costs	Sum(E13472:E13480)		\$2.74
13482			
13483 TELRIC	E13472+E13481		\$13.21
13484			
13485 Common			
13486 Executive Expense	D13486*E13483	0.008052	\$0.11
13487 Planning Expense	D13487*E13483	0.000682	\$0.01
13488 External Relations Expense	D13488*E13483	0.009631	\$0.13
13489 Legal Expense	D13489*E13483	0.007338	\$0.10
13490 Other Procurement Expense	D13490*E13483	0.002772	\$0.04
13491 Research & Development Expense	D13491*E13483	0.000042	\$0.00
13492 Other General and Admin Expense	D13492*E13483	0.019104	\$0.25
13493 Common Costs	Sum(E13486:E13492)		\$0.63
13494			
13495 TELRIC + Common Costs	E13483+E13493		\$13.84

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Study Name: PART D FINAL ORDER NRC STUDY 7246 A Study Year: 2001

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	В	С	D	E	F	G B * (C Thru F)	Н	I H * (G/60)
IESSAGE TRUNK GROUP, EACH ADDITIONAL - DS0 DIGITAL DIS - MANUAL								
DISCONNECT*								
NTERCONNECT SERVICE CENTER								
NO MANUAL ISC TIMES PREVIOUSLY FILED IN THIS DOCKET, THEREFORE, CURRENT QWEST ISC TIMES APPLIED.								
.70 probability reflects 30% reduction to work time estimates ordered								
Check for Service Order Analysis and Control for errors	5	0.700				3.50	\$39.16	\$2.28
Order completion	5	0.700				3.50	\$39.16	\$2.28
Issue Service order	3	0.700				2.10	\$39.16	\$1.37
btotal - INTERCONNECT SERVICE CENTER						9.10		\$5.94
DESIGN SERVICE CENTER - DESIGNER								
Prob 1 (.05, .95) are pecent orders worked manual versus mechanized.								
.042 represents 1/24 of a trunk group. Assumes 24 trunks per order.								
.70 probability reflects 30% reduction to work time estimates ordered	4.0	4 000	0.040	. 700			04404	
Order handling and screening PCList Trunks	10 2	1.000 1.000	0.042 0.042	0.700 0.700		0.29 0.06	\$44.31 \$44.31	\$0.22 \$0.04
Build and Validate Work Authorization (manual orders)	5	0.050	0.042	0.700		0.06	\$44.31	\$0.0 4 \$0.01
Build and Validate Work Authorization (mechanized orders)	2	0.950	0.042	0.700		0.06	\$44.31	\$0.04
Build and verify circuit design (manual orders)	10	0.050	0.042	0.700		0.01	\$44.31	\$0.01
Build and verify circuit design (mechanized orders)	2	0.950	0.042	0.700		0.06	\$44.31	\$0.04
Distribute Documents	2	1.000	0.042	0.700		0.06	\$44.31	\$0.04
ıbtotal - DESIGN SERVICE CENTER - DESIGNER						0.55		\$0.40
ESIGN SERVICE CENTER - IMPLEMENTOR								
.70 probability reflects 30% reduction to work time estimates ordered								
Screen Work Force Administration - Control Module for order accuracy	5	0.700				3.50	\$43.81	\$2.56
Complete circuit in Work Force Administration - Control Module	5	0.700				3.50	\$43.81	\$2.56
btotal - DESIGN SERVICE CENTER - IMPLEMENTOR						7.00		\$5.11
tal For Service:						16.65		\$11.45
Add to Got Floo.						10.03		ψ11. 4 J

Qwest Advice No. 3376T Page 315 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G	Н	[
						B * (C Thru F)		H * (G/60)

MESSAGE TRUNK GROUP, EACH ADDITIONAL - DS0 DIGITAL DIS - MANUAL (con't)

13547 Direct Cost			\$11.45
13548			
13549	Cost	Cost	
13550	Calculation	Factor	Cost
13551	ВС	D	E
13552 Directly Assigned			
13553 Product Management Expense	D13553*E13547	0.040393	\$0.46
13554 Sales Expense	D13554*E13547	0.014960	\$0.17
13555 Product Advertising Expense	D13555*E13547	0.000000	\$0.00
13556 Business Fees (Other Operating Taxes)	D13556*Sum(E13547:E13555)	0.042595	\$0.51
13557 Directly Assigned Costs	Sum(E13547:E13556)		\$1.15
13558			
13559 Total Direct Costs	E13547+E13557		\$12.60
13560			
13561 Directly Attributed			
13562 Network Operations	D13562*E13559	0.056129	\$0.71
13563 Network Support Assets	D13563*E13559	0.014074	\$0.18
13564 General Support Assets	D13564*E13559	0.057904	\$0.73
13565 General Purpose Computers	D13565*E13559	0.040926	\$0.52
13566 Uncollectible	D13566*E13559	0.001136	\$0.01
13567 Accounting & Finance Expense	D13567*E13559	0.010471	\$0.13
13568 Human Resources Expense	D13568*E13559	0.009808	\$0.12
13569 Information Management Expense	D13569*E13559	0.068149	\$0.86
13570 Intangibles	D13570*E13559	0.002634	\$0.03
13571 Directly Attributed Costs	Sum(E13562:E13570)		\$3.29
13572			
13573 TELRIC	E13562+E13571		\$15.89
13574			
13575 Common			
13576 Executive Expense	D13576*E13573	0.008052	\$0.13
13577 Planning Expense	D13577*E13573	0.000682	\$0.01
13578 External Relations Expense	D13578*E13573	0.009631	\$0.15
13579 Legal Expense	D13579*E13573	0.007338	\$0.12
13580 Other Procurement Expense	D13580*E13573	0.002772	\$0.04
13581 Research & Development Expense	D13581*E13573	0.000042	\$0.00
13582 Other General and Admin Expense	D13582*E13573	0.019104	\$0.30
13583 Common Costs	Sum(E13576:E13582)		\$0.76
13584			
13585 TELRIC + Common Costs	E13573+E13583		\$16.65

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Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	В	С	D	E	F	G B * (C Thru F)	Н	I H * (G/60)
DS1 PRI ISDN TRUNK PORT INSTALL - MECHANIZED								
ADD								
-INTERCONNECT SERVICE CENTER								
Time estimate(s) ordered by commission staff.								
Process order	6	1.000				6.00	\$40.03	\$4.00
Subtotal - INTERCONNECT SERVICE CENTER						6.00		\$4.00
-DESIGN SERVICE CENTER - DESIGNER								
Prob #1 = % of time manual handling is required								
.70 probability reflects 30% reduction to work time estimates ordered								
Order Handling/screening	5	0.200	0.700			0.70	\$44.31	\$0.52
Generic Order Control order log	6	0.200	0.700			0.84	\$44.31	\$0.62
Enter Work Authorization mask	5	0.800	0.700			2.80	\$44.31	\$2.07
Circuit Design	30	1.000	0.700			21.00	\$44.31	\$15.51
Distribute Word Doc	2	0.900	0.700			1.26	\$44.31	\$0.93
Subtotal - DESIGN SERVICE CENTER - DESIGNER						26.60		\$19.64
-DESIGN SERVICE CENTER - IMPLEMENTOR								
Prob #1 = .042 represents 1/24 of a trunk group. Assumes 24 trunks per order								
.70 probability reflects 30% reduction to work time estimates ordered								
Screen Work Force Administration for circuit	5	0.042	0.700			0.15	\$43.81	\$0.11
Verify LNO completion	5	0.042	0.700			0.15	\$43.81	\$0.11
Set DS1 Trans. Opts in Switch and add TG members	20	0.042	0.700			0.59	\$43.81	\$0.43
Monitor performance testing	15	0.042	0.700			0.44	\$43.81	\$0.32
Notify co-provider of work completion	5	0.042	0.700			0.15	\$43.81	\$0.11
Post order complet in Work Force Administration - Control Module	10	0.042	0.700			0.29	\$43.81	\$0.21
Subtotal - DESIGN SERVICE CENTER - IMPLEMENTOR						1.76		\$1.29
-CENTRAL OFFICE TECHNICIAN								
.70 probability reflects 30% reduction to work time estimates ordered								
Analyze order	5	0.700				3.50	\$43.81	\$2.56
Complete cross connect	10	0.700				7.00	\$43.81	\$5.11
Perform conformance testing	15	0.700				10.50	\$43.81	\$7.67
Complete DD work status with CCT-I	3	0.700				2.10	\$43.81	\$1.53
		0.700				1.40	\$43.81	\$1.02
Post DVA work complete in WFA-DI	2	0.700				1.40	φ43.01	Ψ1.02

-CORAC/DISPATCH CENTER

Qwest Advice No. 3376T Page 317 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti
Product Group: Interconnection

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	В	С	D	E	F	G B * (C Thru F)	Н	I H * (G/60)
DS1 PRI ISDN TRUNK PORT INSTALL - MECHANIZED (con't)						(/		(/
DOTT KITODIA TROTALL - MILOTIANIZLO (COTT)								
.70 probability reflects 30% reduction to work time estimates ordered								
Prob #2 = CRON'd fallout (manual load) Screen Order	2	0.150	0.700			0.21	\$37.78	\$0.13
Load work request to Technician	5	0.150	0.700			0.53	\$37.78	\$0.33
Closeout work request with Technician	3	0.150	0.700			0.32	\$37.78	\$0.20
Subtotal - CORAC/DISPATCH CENTER						1.05		\$0.66
-NROC - COMPLEX TRANSLATIONS - Translations for building PRI Trunk Groups								
.70 probability reflects 30% reduction to work time estimates ordered								
Prob #2 = % DMS switch type	00	0.700	0.040			4.70	044.45	40.00
TABLE LTDEF TABLE LTMAP	20 15	0.700 0.700	0.340 0.340			4.76 3.57	\$41.45 \$41.45	\$3.29 \$2.47
TABLE LTDATA	20	0.700	0.340			4.76	\$41.45	\$3.29
TABLE LTCALLS	25	0.700	0.340			5.95	\$41.45	\$4.11
TABLE IBNRTE	30	0.700	0.340			7.14	\$41.45	\$4.93
TABLE CIRTGRPS TABLE OFRT	25 20	0.700 0.700	0.340 0.340			5.95 4.76	\$41.45 \$41.45	\$4.11 \$3.29
TABLE DINTO	20	0.700	0.340			4.76	\$41.45	\$3.29
Subtotal - NROC - COMPLEX TRANSLATIONS - Translations for building PRI Trunk Groups						41.65		\$28.77
-COMPLEX TRANSLATIONS								
.70 probability reflects 30% reduction to work time estimates ordered								
Prob #1 = % of time this product requires complex translation work								
Prob #2 = % DMS switch type								
TABLE TRKGRP TABLE TRKSGRP	35 30	0.700 0.700	0.340 0.340			8.33 7.14	\$41.45 \$41.45	\$5.75 \$4.93
	30	0.700	0.540				Ψ-15	·
Subtotal - COMPLEX TRANSLATIONS						15.47		\$10.69
-COMPLEX TRANSLATIONS								
.70 probability reflects 30% reduction to work time estimates ordered								
TRANSLATIONS TIME FOR DEDICATED PRI - 23B+D CONFIGURATION - 5E .66 probability % 5E switch type								
PRI interface group per D Channel	10	0.700	0.660			4.62	\$41.45	\$3.19
D Channel Trunk Group	35	0.700	0.660			16.17	\$41.45	\$11.17
Per B Channel Trunk Group	140	0.700	0.660			64.68	\$41.45	\$44.68
Per Route Index Alernate RI for data	45 45	0.700 0.700	0.660 0.660			20.79 20.79	\$41.45 \$41.45	\$14.36 \$14.36
	40	0.700	0.000				Ψ-10	
Subtotal - COMPLEX TRANSLATIONS						127.05		\$87.77

Qwest Advice No. 3376T Page 318 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti
Product Group: Interconnection

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	В	C	D	E	F	G	Н	I
						B * (C Thru F)		H * (G/60)
DS1 PRI ISDN TRUNK PORT INSTALL - MECHANIZED (con't)								
-COMPLEX TRANSLATIONS - INPUT								
.70 probability reflects 30% reduction to work time estimates ordered								
TRANLSATIONS TIME FOR DEDICATED PRI - 23B+D CONFIGURATION - 5E								
.66 probability % 5E switch type	-	0.700	0.000			0.04	Ф44 4 г	¢4.00
PRI interface group per D Channel D Channel Trunk Group	5 25	0.700 0.700	0.660 0.660			2.31 11.55	\$41.45 \$41.45	\$1.60 \$7.98
Per B Channel Trunk Group	100	0.700	0.660			46.20	\$41.45	\$31.92
Per Route Index	30	0.700	0.660			13.86	\$41.45	\$9.57
Alternate RI for data	30	0.700	0.660			13.86	\$41.45	\$9.57
Subtotal - COMPLEX TRANSLATIONS - INPUT						87.78		\$60.64
-RCMAC								
.66 & .34 probability is % by switch type								
.70 probability reflects 30% reduction to work time estimates ordered								
CALLING NUMBER IDENTIFICATION - 5E	1	0.660	0.700			0.46	\$43.81	\$0.34
CALLING NUMBER IDENTIFICAITON - DMS	1	0.340	0.700			0.24	\$43.81	\$0.17
CALLING NUMBER IDENTIFICATION BLOCKING, ALL CALL, PER BRS - 5E	1	0.660	0.700			0.46	\$43.81	\$0.34
CALLING NUMBER IDENTIFICATION BLOCKING, ALL CALL, PER BRS - DMS	1	0.340	0.700			0.24	\$43.81	\$0.17
CALLING NUMBER IDENTIFICATION BLOCKING - ALL CALLS - INPUT - DMS	10	0.340	0.700			2.38	\$43.81	\$1.74
CALLING NUMBER IDENTIFICATION BLOCKING - ALL CALLS - DESIGN - DMS	5	0.340	0.700			1.19	\$43.81	\$0.87
B CHANNEL CIRCUIT SWITCHED DATA - 5E B CHANNEL CIRCUIT SWITCHED DATA - DMS	8 8	0.660 0.340	0.700 0.700			3.70 1.90	\$43.81 \$43.81	\$2.70 \$1.39
D CHANNEL CIRCUIT SWITCHED DATA - DMS	8	0.340	0.700			1.90	Φ43.81	\$1.39
Subtotal - RCMAC						10.57		\$7.72
Total For Service:						342.43		\$239.08

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Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G	Н	[
						B * (C Thru F)		H * (G/60)

DS1 PRI ISDN TRUNK PORT INSTALL - MECHANIZED (con't)

13727 Direct Cost			\$239.08
13728			
13729	Cost	Cost	
13730	Calculation	Factor	Cost
13731	ВС	D	E
13732 Directly Assigned			
13733 Product Management Expense	D13733*E13727	0.040393	\$9.66
13734 Sales Expense	D13734*E13727	0.014960	\$3.58
13735 Product Advertising Expense	D13735*E13727	0.000000	\$0.00
13736 Business Fees (Other Operating Taxes)	D13736*Sum(E13727:E13735)	0.042595	\$10.75
13737 Directly Assigned Costs	Sum(E13727:E13736)		\$23.98
13738			
13739 Total Direct Costs	E13727+E13737		\$263.06
13740			
13741 Directly Attributed			
13742 Network Operations	D13742*E13739	0.056129	\$14.77
13743 Network Support Assets	D13743*E13739	0.014074	\$3.70
13744 General Support Assets	D13744*E13739	0.057904	\$15.23
13745 General Purpose Computers	D13745*E13739	0.040926	\$10.77
13746 Uncollectible	D13746*E13739	0.001136	\$0.30
13747 Accounting & Finance Expense	D13747*E13739	0.010471	\$2.75
13748 Human Resources Expense	D13748*E13739	0.009808	\$2.58
13749 Information Management Expense	D13749*E13739	0.068149	\$17.93
13750 Intangibles	D13750*E13739	0.002634	\$0.69
13751 Directly Attributed Costs	Sum(E13742:E13750)		\$68.72
13752			
13753 TELRIC	E13742+E13751		\$331.77
13754			
13755 Common			
13756 Executive Expense	D13756*E13753	0.008052	\$2.67
13757 Planning Expense	D13757*E13753	0.000682	\$0.23
13758 External Relations Expense	D13758*E13753	0.009631	\$3.20
13759 Legal Expense	D13759*E13753	0.007338	\$2.43
13760 Other Procurement Expense	D13760*E13753	0.002772	\$0.92
13761 Research & Development Expense	D13761*E13753	0.000042	\$0.01
13762 Other General and Admin Expense	D13762*E13753	0.019104	\$6.34
13763 Common Costs	Sum(E13756:E13762)		\$15.80
13764			
13765 TELRIC + Common Costs	E13753+E13763		\$347.57

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\$15.51

21.00 \$44.31

Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Circuit Design

Product Group: Interconnection

State: Washington

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	В	C	D	E	F	G B * (C Thru F)	Н	I H * (G/60)
DOL DRIVORY TRUNK DODT MOTALL MANUAL								
DS1 PRI ISDN TRUNK PORT INSTALL - MANUAL								
<u>*ADD*</u>								
-INTERCONNECT SERVICE CENTER								
NO MANUAL ISC TIMES PREVIOUSLY FILED IN THIS DOCKET, THEREFORE,								
CURRENT QWEST ISC TIMES APPLIED.								
.05, .5, .60 probability of occurrences								
.70 probability reflects 30% reduction to work time estimates ordered								
Reviews LSR for completeness and accuracy, contractual entries (analyze request to determine co-provider, type of order and installation option)								
Receive LSR	3	1.000	0.700			2.10	\$39.16	\$1.37
Verifies CFA or facility/circuit availability	2	0.050	0.700			0.07	\$39.16	\$0.05
Exchange Info-Obtain Central Office, name, address and office type, Access Telephone	2	0.050	0.700			0.07	ψ55.10	ψ0.05
Address Guide to obtain the central office address								
Exchange Info-Obtain Central Office	4	1.000	0.700			2.80	\$39.16	\$1.83
CPPD-lookup billing USOC's for co-provider	2	1.000	0.700			1.40	\$39.16	\$0.91
Summary Bill List-Look up BTN#, tax code, and Bill date	2	1.000	0.700			1.40	\$39.16	\$0.91
Determine if the end user has Qwest directory advertising	1	1.000	0.700			0.70	\$39.16	\$0.46
Determine if the end user has Qwest retail contract	1	1.000	0.700			0.70	\$39.16	\$0.46
Determine critical dates	1	1.000	0.700			0.70	\$39.16	\$0.46
If there is either directory advertising or a retail contract or both, issue the order to remove								
the information from the account. An estimate of 50% of the accounts will have these.								
Issue appropriate forms and/or orders	2	0.500	0.700			0.70	\$39.16	\$0.46
Populate required fields Customer Request management (CRM)	3	1.000	0.700			2.10	\$39.16	\$1.37
Type, review and submit to customer the Firm Order Confirmation (FOC) Input order into service order processor (manually typing and formatting of all orders for	3	1.000	0.700			2.10	\$39.16	\$1.37
billing and provisioning)								
Issue service order	10	1.000	0.700			7.00	\$39.16	\$4.57
Ensure order is successfully distributed to the systems and is ready for provisioning (SOAC/SOP)	3	1.000	0.700			2.10	\$39.16	\$1.37
Includes handling calls from other departments working the order	5	0.600	0.700			2.10	\$39.16	\$1.37
Handling of problems on the LSR, provisioining issues such as conditioning, facility problem							*******	*
cable & pair, and typing problems handled by the center								
Error on Service order (ESOI)	5	0.050	0.700			0.18	\$39.16	\$0.11
Subtotal - INTERCONNECT SERVICE CENTER						26.15		\$17.06
BUDGET INTERCONNECT CENTRE						20.10		ψ17.00
-DESIGN SERVICE CENTER - DESIGNER								
.20, .80, .90 probability % of time manual handling is required								
.70 probability reflects 30% reduction to work time estimates ordered								
Order Handling/screening	5	0.200	0.700			0.70	\$44.31	\$0.52
Generic Order Control order log	6	0.200	0.700			0.84	\$44.31	\$0.62
Enter Work Authorization mask	5	0.800	0.700			2.80	\$44.31	\$2.07

30

1.000

0.700

Qwest Advice No. 3376T Page 321 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti
Product Group: Interconnection

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
Ā	В	С	D	E	F	G B * (C Thru F)	Н	I H * (G/60)
DS1 PRI ISDN TRUNK PORT INSTALL - MANUAL (con't)								
Distribute Word Doc	2	0.900	0.700			1.26	\$44.31	\$0.93
Subtotal - DESIGN SERVICE CENTER - DESIGNER						26.60		\$19.64
DESIGN SERVICE CENTER - IMPLEMENTOR								
.042 represents 1/24 of a trunk group. Assumes 24 trunks per order								
.70 probability reflects 30% reduction to work time estimates ordered								
Screen Work Force Administration for circuit	5	0.042	0.700			0.15	\$43.81	\$0.1
Verify LNO completion	5	0.042	0.700			0.15	\$43.81	\$0.1
Set DS1 Trans. Opts in Switch and add TG members	20	0.042	0.700			0.59	\$43.81	\$0.4
Monitor performance testing	15	0.042	0.700			0.44	\$43.81 \$43.81	\$0.3
Notify co-provider of work completion Post order complet in Work Force Administration - Control Module	5 10	0.042 0.042	0.700 0.700			0.15 0.29	\$43.81 \$43.81	\$0.1° \$0.2°
Post order complet in work Force Administration - Control Module	10	0.042	0.700			0.29	Ф43.01	Φ0.2
Subtotal - DESIGN SERVICE CENTER - IMPLEMENTOR						1.76		\$1.29
CENTRAL OFFICE TECHNICIAN								
.70 probability reflects 30% reduction to work time estimates ordered								
Analyze order	5	0.700				3.50	\$43.81	\$2.50
Complete cross connect	10	0.700				7.00	\$43.81	\$5.1°
Perform conformance testing	15	0.700				10.50	\$43.81	\$7.67
Complete DD work status with CCT-I	3	0.700				2.10	\$43.81	\$1.53
Post DVA work complete in WFA-DI	2	0.700				1.40	\$43.81	\$1.02
Subtotal - CENTRAL OFFICE TECHNICIAN						24.50		\$17.89
CORAC/DISPATCH CENTER								
.70 probability reflects 30% reduction to work time estimates ordered								
.15 probability CRON'd fallout (manual load)								
Screen Order	2	0.150	0.700			0.21	\$37.78	\$0.13
Load work request to Technician	5	0.150	0.700			0.53	\$37.78	\$0.33
Closeout work request with Technician	3	0.150	0.700			0.32	\$37.78	\$0.20
Subtotal - CORAC/DISPATCH CENTER						1.05		\$0.66
NEGO COMPLEY TRANSLATIONS								
NROC - COMPLEX TRANSLATIONS Translations for building PRI Trunk Groups								
.70 probability reflects 30% reduction to work time estimates ordered								
.10 probability reflects 30% reduction to work time estimates ordered .34 probability % DMS switch type								
TABLE LTDEF	20	0.700	0.340			4.76	\$41.45	\$3.29
TABLE LIMAP	15	0.700	0.340			3.57	\$41.45	\$2.47
TABLE LTDATA	20	0.700	0.340			4.76	\$41.45	\$3.29
TABLE LTCALLS	25	0.700	0.340			5.95	\$41.45	\$4.11

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Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	В	С	D	E	F	G B * (C Thru F)	Н	I H * (G/60)
DS1 PRI ISDN TRUNK PORT INSTALL - MANUAL (con't)						_ (************************************		(-,,
DOTT TO TOTAL TOTALE MINIONE (COITY)								
TABLE IBNRTE	30	0.700	0.340			7.14	\$41.45	\$4.93
TABLE CIRTGRPS	25	0.700	0.340			5.95	\$41.45	\$4.11
TABLE OFRT	20	0.700	0.340			4.76	\$41.45	\$3.29
TABLE DNROUTE	20	0.700	0.340			4.76	\$41.45	\$3.29
Subtotal - NROC - COMPLEX TRANSLATIONS						41.65		\$28.77
-COMPLEX TRANSLATIONS								
Translations for building PRI Trunk Groups								
.70 probability reflects 30% reduction to work time estimates ordered								
.34 probability % DMS switch type								
TABLE TRKGRP	35	0.700	0.340			8.33	\$41.45	\$5.75
TABLE TRKSGRP	30	0.700	0.340			7.14	\$41.45	\$4.93
Subtotal - COMPLEX TRANSLATIONS						15.47		\$10.69
-COMPLEX TRANSLATIONS								
Translations time DEDICATED PRI - 23B+D CONFIGURATION - 5E .66 probability % 5E switch type								
.70 probability reflects 30% reduction to work time estimates ordered								
PRI interface group per D Channel	10	0.700	0.660			4.62	\$41.45	\$3.19
D Channel Trunk Group	35	0.700	0.660			16.17	\$41.45	\$11.17
Per B Channel Trunk Group	140	0.700	0.660			64.68	\$41.45	\$44.68
Per Route Index	45	0.700	0.660			20.79	\$41.45	\$14.36
Alernate RI for data	45	0.700	0.660			20.79	\$41.45	\$14.36
Subtotal - COMPLEX TRANSLATIONS						127.05		\$87.77
-COMPLEX TRANSLATIONS - INPUT								
Translations time DEDICATED PRI - 23B+D CONFIGURATION - 5E								
.66 probability % 5E switch type								
.70 probability reflects 30% reduction to work time estimates ordered								
PRI interface group per D Channel	5	0.700	0.660			2.31	\$41.45	\$1.60
D Channel Trunk Group	25	0.700	0.660			11.55	\$41.45	\$7.98
Per B Channel Trunk Ġroup	100	0.700	0.660			46.20	\$41.45	\$31.92
Per Route Index	30	0.700	0.660			13.86	\$41.45	\$9.57
Alternate RI for data	30	0.700	0.660			13.86	\$41.45	\$9.57
Subtotal - COMPLEX TRANSLATIONS - INPUT						87.78		\$60.64

-RCMAC

¹st probability is % by switch type .70 probability reflects 30% reduction to work time estimates ordered

Qwest Advice No. 3376T Page 323 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A Study Year: 2001

Analyst: Deffley/Eoriatti
Product Group: Interconnection

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G	Н	
						B * (C Thru F)		H * (G/60)
DS1 PRI ISDN TRUNK PORT INSTALL - MANUAL (con't)								
CALLING NUMBER IDENTIFICATION - 5E	1	0.660	0.700			0.46	\$43.81	\$0.34
CALLING NUMBER IDENTIFICAITON - DMS	1	0.340	0.700			0.24	\$43.81	\$0.17
CALLING NUMBER IDENTIFICATION BLOCKING, ALL CALL, PER BRS - 5E	1	0.660	0.700			0.46	\$43.81	\$0.34
CALLING NUMBER IDENTIFICATION BLOCKING, ALL CALL, PER BRS - DMS	1	0.340	0.700			0.24	\$43.81	\$0.17
CALLING NUMBER IDENTIFICATION BLOCKING - ALL CALLS - INPUT - DMS	10	0.340	0.700			2.38	\$43.81	\$1.74
CALLING NUMBER IDENTIFICATION BLOCKING - ALL CALLS - DESIGN - DMS	5	0.340	0.700			1.19	\$43.81	\$0.87
B CHANNEL CIRCUIT SWITCHED DATA - 5E	8	0.660	0.700			3.70	\$43.81	\$2.70
B CHANNEL CIRCUIT SWITCHED DATA - DMS	8	0.340	0.700			1.90	\$43.81	\$1.39
Subtotal - RCMAC						10.57		\$7.72
Total For Service:						362.58		\$252.14

Qwest Advice No. 3376T Page 324 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G	Н	
						B * (C Thru F)		H * (G/60)

DS1 PRI ISDN TRUNK PORT INSTALL - MANUAL (con't)

13952 Direct Cost			\$252.14
13953			
13954	Cost	Cost	
13955	Calculation	Factor	Cost
13956	ВС	D	Е
13957 Directly Assigned			
13958 Product Management Expense	D13958*E13952	0.040393	\$10.18
13959 Sales Expense	D13959*E13952	0.014960	\$3.77
13960 Product Advertising Expense	D13960*E13952	0.000000	\$0.00
13961 Business Fees (Other Operating Taxes)	D13961*Sum(E13952:E13960)	0.042595	\$11.33
13962 Directly Assigned Costs	Sum(E13952:E13961)		\$25.29
13963			
13964 Total Direct Costs	E13952+E13962		\$277.43
13965			
13966 Directly Attributed			
13967 Network Operations	D13967*E13964	0.056129	\$15.57
13968 Network Support Assets	D13968*E13964	0.014074	\$3.90
13969 General Support Assets	D13969*E13964	0.057904	\$16.06
13970 General Purpose Computers	D13970*E13964	0.040926	\$11.35
13971 Uncollectible	D13971*E13964	0.001136	\$0.32
13972 Accounting & Finance Expense	D13972*E13964	0.010471	\$2.90
13973 Human Resources Expense	D13973*E13964	0.009808	\$2.72
13974 Information Management Expense	D13974*E13964	0.068149	\$18.91
13975 Intangibles	D13975*E13964	0.002634	\$0.73
13976 Directly Attributed Costs	Sum(E13967:E13975)		\$72.47
13977			
13978 TELRIC	E13967+E13976		\$349.90
13979			
13980 Common			
13981 Executive Expense	D13981*E13978	0.008052	\$2.82
13982 Planning Expense	D13982*E13978	0.000682	\$0.24
13983 External Relations Expense	D13983*E13978	0.009631	\$3.37
13984 Legal Expense	D13984*E13978	0.007338	\$2.57
13985 Other Procurement Expense	D13985*E13978	0.002772	\$0.97
13986 Research & Development Expense	D13986*E13978	0.000042	\$0.01
13987 Other General and Admin Expense	D13987*E13978	0.019104	\$6.68
13988 Common Costs	Sum(E13981:E13987)		\$16.66
13989			
13990 TELRIC + Common Costs	E13978+E13988		\$366.56

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Study Name: PART D FINAL ORDER NRC STUDY 7246 A Study Year: 2001

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

Wash lane	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	04
Work Item A	Minutes B	#1 C	#2 D	#3 F	#4	(Minutes)	/Hour H	Cost
^	Б	O	D	_	•	B * (C Thru F)		H * (G/60)
DS1 PRI ISDN TRUNK PORT DISCONNECT - MECHANIZED								
DISCONNECT								
-INTERCONNECT SERVICE CENTER								
Time estimate(s) ordered by commission staff.								
Process order	6	1.000				6.00	\$40.03	\$4.00
Subtotal - INTERCONNECT SERVICE CENTER						6.00		\$4.00
-DESIGN SERVICE CENTER - DESIGNER								
Prob #1 = % of time manual handling is required								
.70 probability reflects 30% reduction to work time estimates ordered								
Order handling/screening	5	0.100	0.700			0.35	\$44.31	\$0.26
Generic Order Control order log	6	0.100	0.700			0.42	\$44.31	\$0.31
Enter Work Authorization mask	5	0.100	0.700			0.35	\$44.31	\$0.26
Disconnect Circuit Distribute Word Doc	5 2	0.100 0.100	0.700 0.700			0.35 0.14	\$44.31 \$44.31	\$0.26 \$0.10
Distribute word Doc	2	0.100	0.700			0.14	Ф44.3 1	\$0.10
Subtotal - DESIGN SERVICE CENTER - DESIGNER						1.61		\$1.19
-DESIGN SERVICE CENTER - IMPLEMENTOR								
Prob #1 = .042 represents 1/24 of a trunk group. Assumes 24 trunks per order								
.70 probability reflects 30% reduction to work time estimates ordered								
Screen Work Force Administration for circuit	5	0.042	0.700			0.15	\$43.81	\$0.11
Contact co-provider Complete circuit in Work Force Administration - Control Module	5 5	0.042 0.042	0.700 0.700			0.15 0.15	\$43.81 \$43.81	\$0.11 \$0.11
Complete circuit in work Force Administration - Control Module	5	0.042	0.700			0.15	φ 4 3.01	φ0.11
Subtotal - DESIGN SERVICE CENTER - IMPLEMENTOR						0.44		\$0.32
-CENTRAL OFFICE TECHNICIAN								
Time estimate(s) ordered by commission staff.								
Prob #1 = occurrences	2	1.000				2.00	\$43.81	\$1.46
Analyze order Remove Cross Connect	3	1.000				3.00	\$43.81	\$1.46 \$2.19
Nemove 01033 Connect	3	1.000				3.00	ψ+3.01	·
Subtotal - CENTRAL OFFICE TECHNICIAN						5.00		\$3.65
-COMPLEX TRANSLATIONS								
Time this product requires complex translations for a								
DEDICATED PRI - 23B+D CONFIGURATION - 5E								
.66 probability is % by switch type								
.70 probability reflects 30% reduction to work time estimates ordered						_	.	4.
PRI interface group per D Channel	5	0.700	0.660			2.31	\$41.45	\$1.60

Qwest Advice No. 3376T Page 326 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti
Product Group: Interconnection

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	В	C	D	E	F	G	Н	I
						B * (C Thru F)		H * (G/60)
DS1 PRI ISDN TRUNK PORT DISCONNECT - MECHANIZED (con't)								
D Channel Trunk Group	10	0.700	0.660			4.62	\$41.45	\$3.19
Per B Channel Trunk Group	40	0.700	0.660			18.48	\$41.45	\$12.77
Per Route Index	15 15	0.700	0.660			6.93	\$41.45	\$4.79
Alternate RI for data	15	0.700	0.660			6.93	\$41.45	\$4.79
Subtotal - COMPLEX TRANSLATIONS						39.27		\$27.13
-COMPLEX TRANSLATIONS - INPUT								
Time this product requires complex translations for a								
DEDICATED PRI - 23B+D CONFIGURATION - 5E								
.66 probability is % by switch type								
.70 probability reflects 30% reduction to work time estimates ordered PRI interface group per D Channel	5	0.700	0.660			2.31	\$41.45	\$1.60
D Channel Trunk Group	5 5	0.700	0.660			2.31	\$41.45	\$1.60 \$1.60
Per B Channel Trunk Group	20	0.700	0.660			9.24	\$41.45	\$6.38
Per Route Index	15	0.700	0.660			6.93	\$41.45	\$4.79
Alternate RI for data	15	0.700	0.660			6.93	\$41.45	\$4.79
Subtotal - COMPLEX TRANSLATIONS - INPUT						27.72		\$19.15
-RCMAC								
.66 & .34 probability is % by switch type								
.70 probability reflects 30% reduction to work time estimates ordered								
CALLING NUMBER IDENTIFICATION - 5E	1	0.660	0.700			0.46	\$43.81	\$0.34
CALLING NUMBER IDENTIFICATION - DMS	1	0.340	0.700			0.24	\$43.81	\$0.17
CALLING NUMBER IDENTIFICATION BLOCKING, ALL CALL, PER BRS - 5E CALLING NUMBER IDENTIFICATION BLOCKING, ALL CALL, PER BRS - DMS	1	0.660 0.340	0.700 0.700			0.46 0.24	\$43.81 \$43.81	\$0.34 \$0.17
B CHANNEL CIRCUIT SWITCHED DATA - 5E	1	0.340	0.700			0.24	\$43.81	\$0.14 \$0.34
B CHANNEL CIRCUIT SWITCHED DATA - 5L	1	0.340	0.700			0.40	\$43.81	\$0.17
Subtotal - RCMAC						2.10		\$1.53
Total For Comitae						00.44		6E0 00
Total For Service:						82.14		\$56.98

Qwest Advice No. 3376T Page 327 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G	Н	
						B * (C Thru F)		H * (G/60)

DS1 PRI ISDN TRUNK PORT DISCONNECT - MECHANIZED (con't)

14087 Direct Cost			\$56.98
14088			
14089	Cost	Cost	
14090	Calculation	Factor	Cost
14091	ВС	D	E
14092 Directly Assigned			
14093 Product Management Expense	D14093*E14087	0.040393	\$2.30
14094 Sales Expense	D14094*E14087	0.014960	\$0.85
14095 Product Advertising Expense	D14095*E14087	0.000000	\$0.00
14096 Business Fees (Other Operating Taxes)	D14096*Sum(E14087:E14095)	0.042595	\$2.56
14097 Directly Assigned Costs	Sum(E14087:E14096)		\$5.72
14098			
14099 Total Direct Costs	E14087+E14097		\$62.69
14100			
14101 Directly Attributed			
14102 Network Operations	D14102*E14099	0.056129	\$3.52
14103 Network Support Assets	D14103*E14099	0.014074	\$0.88
14104 General Support Assets	D14104*E14099	0.057904	\$3.63
14105 General Purpose Computers	D14105*E14099	0.040926	\$2.57
14106 Uncollectible	D14106*E14099	0.001136	\$0.07
14107 Accounting & Finance Expense	D14107*E14099	0.010471	\$0.66
14108 Human Resources Expense	D14108*E14099	0.009808	\$0.6
14109 Information Management Expense	D14109*E14099	0.068149	\$4.2
14110 Intangibles	D14110*E14099	0.002634	\$0.17
14111 Directly Attributed Costs	Sum(E14102:E14110)		\$16.38
14112			
14113 TELRIC	E14102+E14111		\$79.07
14114			
14115 Common			
14116 Executive Expense	D14116*E14113	0.008052	\$0.64
14117 Planning Expense	D14117*E14113	0.000682	\$0.0
14118 External Relations Expense	D14118*E14113	0.009631	\$0.76
14119 Legal Expense	D14119*E14113	0.007338	\$0.58
14120 Other Procurement Expense	D14120*E14113	0.002772	\$0.22
14121 Research & Development Expense	D14121*E14113	0.000042	\$0.00
14122 Other General and Admin Expense	D14122*E14113	0.019104	\$1.5
14123 Common Costs	Sum(E14116:E14122)		\$3.77
14124			
14125 TELRIC + Common Costs	E14113+E14123		\$82.83

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Study Name: PART D FINAL ORDER NRC STUDY 7246 A Study Year: 2001

Analyst: Deffley/Eoriatti
Product Group: Interconnection

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G B * (C Thru F)	Н	I H * (G/60)
DS1 PRI ISDN TRUNK PORT DISCONNECT - MANUAL								
DISCONNECT								
INTERCONNECT OFFICE OFFITER								
-INTERCONNECT SERVICE CENTER NO MANUAL ISC TIMES PREVIOUSLY FILED IN THIS DOCKET, THEREFORE, CURRENT QWEST ISC TIMES APPLIED.								
.70 probability reflects 30% reduction to work time estimates ordered								
Receive LSR	3	0.700				2.10	\$39.16	\$1.37
Verifies existing account (access CSR in BOSS/CARS) and obtains closing bill address Type, review and submit to customer the Firm Order Confirmation (FOC)	2 2	0.700 0.700				1.40 1.40	\$39.16 \$39.16	\$0.91 \$0.91
Issue service order	10	0.700				7.00	\$39.16 \$39.16	\$0.91 \$4.57
Populate required fields Customer Request management (CRM)	3	0.700				2.10	\$39.16	\$1.37
Ensure order is successfully distributed to the systems and is ready for provisioning (SOAC/SOP)	3	0.700				2.10	\$39.16	\$1.37
Subtotal - INTERCONNECT SERVICE CENTER						16.10		\$10.51
DECION CEDVICE CENTED DECIONED								
-DESIGN SERVICE CENTER - DESIGNER .10 probability of time manual handling is required								
.70 probability reflects 30% reduction to work time estimates ordered								
Order handling/screening	5	0.100	0.700			0.35	\$44.31	\$0.26
Generic Order Control order log	6	0.100	0.700			0.42	\$44.31	\$0.31
Enter Work Authorization mask	5	0.100	0.700			0.35	\$44.31	\$0.26
Disconnect Circuit	5	0.100	0.700			0.35	\$44.31	\$0.26
Distribute Word Doc	2	0.100	0.700			0.14	\$44.31	\$0.10
Subtotal - DESIGN SERVICE CENTER - DESIGNER						1.61		\$1.19
-DESIGN SERVICE CENTER - IMPLEMENTOR								
.042 represents 1/24 of a trunk group. Assumes 24 trunks per order								
.70 probability reflects 30% reduction to work time estimates ordered								
Screen Work Force Administration for circuit	5	0.042	0.700			0.15	\$43.81	\$0.11
Contact co-provider	5	0.042	0.700			0.15	\$43.81	\$0.11
Complete circuit in Work Force Administration - Control Module	5	0.042	0.700			0.15	\$43.81	\$0.11
Subtotal - DESIGN SERVICE CENTER - IMPLEMENTOR						0.44		\$0.32
-CENTRAL OFFICE TECHNICIAN								
Time estimate(s) ordered by commission staff.								
Prob #1 = occurrences								
Analyze order	2	1.000				2.00	\$43.81	\$1.46
Remove Cross Connect	3	1.000				3.00	\$43.81	\$2.19
Subtotal - CENTRAL OFFICE TECHNICIAN						5.00		\$3.65

Qwest Advice No. 3376T Page 329 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti Product Group: Interconnection

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	В	C	D	E	F	G B * (C Thru F)	Н	I H * (G/60)
DS1 PRI ISDN TRUNK PORT DISCONNECT - MANUAL (con't)						,		,
. ,								
-COMPLEX TRANSLATIONS Time for this product requires complex translations for								
DEDICATED PRI - 23B+D CONFIGURATION - 5E								
.66 probability is % by switch type .70 probability reflects 30% reduction to work time estimates ordered								
PRI interface group per D Channel	5	0.700	0.660			2.31	\$41.45	\$1.6
D Channel Trunk Group Per B Channel Trunk Group	10 40	0.700 0.700	0.660 0.660			4.62 18.48	\$41.45 \$41.45	\$3.1 \$12.7
Per Route Index	15	0.700	0.660			6.93	\$41.45	\$4.7
Alternate RI for data	15	0.700	0.660			6.93	\$41.45	\$4.7
Subtotal - COMPLEX TRANSLATIONS						39.27		\$27.1
-COMPLEX TRANSLATIONS - INPUT								
Time for this product requires complex translations for DEDICATED PRI - 23B+D CONFIGURATION - 5E								
.66 probability is % by switch type								
.70 probability reflects 30% reduction to work time estimates ordered PRI interface group per D Channel	5	0.700	0.660			2.31	\$41.45	\$1.6
D Channel Trunk Group	5	0.700	0.660			2.31	\$41.45	\$1.6
Per B Channel Trunk Group Per Route Index	20 15	0.700 0.700	0.660 0.660			9.24 6.93	\$41.45 \$41.45	\$6.3 \$4.7
Alternate RI for data	15	0.700	0.660			6.93	\$41.45	\$4.7
Subtotal - COMPLEX TRANSLATIONS - INPUT						27.72		\$19.1
-RCMAC								
.66 & .34 probability is % by switch type								
.70 probability reflects 30% reduction to work time estimates ordered CALLING NUMBER IDENTIFICATION - 5E	1	0.660	0.700			0.46	\$43.81	\$0.3
CALLING NUMBER IDENTIFICAITON - DMS	1	0.340	0.700			0.24	\$43.81	\$0.1
CALLING NUMBER IDENTIFICATION BLOCKING, ALL CALL, PER BRS - 5E CALLING NUMBER IDENTIFICATION BLOCKING, ALL CALL, PER BRS - DMS	1	0.660 0.340	0.700 0.700			0.46 0.24	\$43.81 \$43.81	\$0.3 \$0.1
B CHANNEL CIRCUIT SWITCHED DATA - 5E	1	0.660	0.700			0.46	\$43.81	\$0.3
B CHANNEL CIRCUIT SWITCHED DATA - DMS	1	0.340	0.700			0.24	\$43.81	\$0.1
Subtotal - RCMAC						2.10		\$1.5
Total For Service:						92,24		\$63.4

Qwest Advice No. 3376T Page 330 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	[
						B * (C Thru F)		H * (G/60)

DS1 PRI ISDN TRUNK PORT DISCONNECT - MANUAL (con't)

14235 14236 Directly Attributed 14237 Network Operations D14237*E14234 0.056129 \$3.92 14238 Network Support Assets D14238*E14234 0.014074 \$0.98 14239 General Support Assets D14239*E14234 0.057904 \$4.04 14240 General Purpose Computers D14240*E14234 0.040926 \$2.86 14241 Uncollectible D14241*E14234 0.001136 \$0.08 14242 Accounting & Finance Expense D14242*E14234 0.010471 \$0.73 14243 Human Resources Expense D14243*E14234 0.009808 \$0.69 14244 Information Management Expense D14244*E14234 0.068149 \$4.76 14245 Intangibles D14245*E14234 0.002634 \$0.18	14222 Direct Cost			\$63.48
Calculation Factor Cost Cos	14223			
	· ·== ·			
14227 Directly Assigned	14225	Calculation Fa	ctor	Cost
14228 Product Management Expense D14228*E14222 0.040333 \$2.56 14229 Sales Expense D14229*E14222 0.014960 \$0.95 14230 Product Advertising Expense D14230*E14222 0.00000 \$0.05 14231 Business Fees (Other Operating Taxes) D14231*Sum(E14222:E14230) 0.042595 \$2.85 14232 Directly Assigned Costs Sum(E14222:E14231) \$8.93 14234 Total Direct Costs E14224*E14232 \$8.98.55 14235 Directly Attributed \$8.98 14236 Directly Astributed \$8.98 14238 Network Operations D14237*E14234 0.056129 \$3.92 14238 Network Operations D14238*E14234 0.014074 \$0.98 14239 General Support Assets D14239*E14234 0.014074 \$0.98 14240 General Purpose Computers D14240*E14234 0.040926 \$2.86 14241 Uncollectible D14241*E14234 0.001136 \$0.08 14242 Accounting & Finance Expense D14240*E14234 0.001136 \$0.08 14243 Human Resources Expense D14243*E14234 0.00808 \$0.69 14244 Intrangibles D14245*E14234 0.008149 \$4.76 14246 Directly Attributed Costs Sum(E14237:E14245) \$0.08 14248 TELRIC Sum(E14237:E14245) \$0.08 14249 Telring Expense D1425*E14234 0.008052 \$0.18 14249 Telring Expense D1425*E14234 0.008052 \$0.18 14249 Telring Expense D1425*E14234 0.008052 \$0.18 14249 Telring Expense D1425*E14234 0.008052 \$0.0	14226	ВС	D	Е
14229 Sales Expense	14227 Directly Assigned			
14230 Product Advertising Expense D14230*E14222 0.000000 \$0.	14228 Product Management Expense	D14228*E14222	0.040393	\$2.56
14231 Business Fees (Other Operating Taxes) D14231*Sum(E14222:E14231) 0.042595 52.85 14232 Directly Assigned Costs E14222-E14232 569.85 14233 Total Direct Costs E14222-E14232 569.85 14235 Directly Attributed	14229 Sales Expense	D14229*E14222	0.014960	\$0.95
14232 Directly Assigned Costs	14230 Product Advertising Expense	D14230*E14222	0.000000	\$0.00
14232 Directly Assigned Costs	14231 Business Fees (Other Operating Taxes)	D14231*Sum(E14222:E14230)	0.042595	\$2.85
14234 Total Direct Costs		Sum(E14222:E14231)		\$6.37
14235 Directly Attributed 14237 Network Operations D14237*E14234 0.056129 \$3.92 14238 Network Support Assets D14238*E14234 0.014074 \$0.98 14239 General Support Assets D14239*E14234 0.057904 \$4.04 14240 General Purpose Computers D14240*E14234 0.007904 \$6.08 14241 Uncollectible D14241*E14234 0.001136 \$0.08 14242 Accounting & Finance Expense D14242*E14234 0.010471 \$0.73 14243 Human Resources Expense D14243*E14234 0.010471 \$0.73 14244 Information Management Expense D14243*E14234 0.068149 \$4.76 14245 Itangibles D14245*E14234 0.008149 \$4.76 14246 Intangibles D14245*E14234 0.008634 \$0.18 14247 E14237*E14245 0.002634 \$0.18 14248 TELRIC E14237*E14245 \$88.10 14249 Telephone E14237*E14246 \$88.10 14252 Planning Expense D1425*E14248 0.000682 \$0.06 14252 External Relations Expense D1425*E14248 0.007338 \$0.65 14255	14233			
14236 Directly Attributed D14237*E14234 0.056129 \$3.92 14237 Network Operations D14238*E14234 0.014074 \$0.98 14239 General Support Assets D14239*E14234 0.057904 \$4.04 14240 General Purpose Computers D14240*E14234 0.040926 \$2.86 14241 Uncollectible D14240*E14234 0.001136 \$0.08 14242 Accounting & Finance Expense D14242*E14234 0.010471 \$0.73 14243 Human Resources Expense D14243*E14234 0.009808 \$0.69 14244 Information Management Expense D14243*E14234 0.009808 \$0.69 14245 Intangibles D14243*E14234 0.0086149 \$4.76 14245 Intangibles D14245*E14234 0.008634 \$9.18 14247 Intangibles D14245*E14234 0.008634 \$9.18 14248 TELRIC E14237*E14245 \$88.10 14249 E1428**ELRIC E14237*E14246 \$88.10 14250 Common E1425*E14248 0.008652 \$9.71 14252 External Relations Expense D1425*E14248 0.009682 \$0.06 14252 External Relations Expense D1425*E14248<		E14222+E14232		\$69.85
14237 Network Operations D14237*E14234 0.056129 \$3.92 14238 Network Support Assets D14238*E14234 0.014074 \$0.98 14240 General Support Assets D14239*E14234 0.057904 \$4.04 14240 General Purpose Computers D14240*E14234 0.040926 \$2.86 14241 Uncollectible D14241*E14234 0.001136 \$0.08 14242 Accounting & Finance Expense D14242*E14234 0.001471 \$0.73 14243 Human Resources Expense D14243*E14234 0.00808 \$0.69 14244 Information Management Expense D14244*E14234 0.008149 \$4.76 14245 Intangibles D14245*E14234 0.008149 \$4.76 14246 Directly Attributed Costs Sum(E14237:E14245) \$18.25 14247 E14237*E14246 \$88.10 14248 TELRIC E14237*E14246 \$88.10 14249 E14250 Common 14250 Common 14252*E14248 0.008052 \$0.71 14252 Eyenise D14251*E14248 0.009631 \$0.85 14253 External Relations Expense D14255*E14248 0.000733 \$0.65 14255 Other				
14238 Network Support Assets D14238*E14234 0.014074 \$0.98 14239 General Support Assets D14239*E14234 0.057904 \$4.04 14240 General Purpose Computers D14240*E14234 0.040926 \$2.86 14241 Uncollectible D14241*E14234 0.001136 \$0.08 14242 Accounting & Finance Expense D14242*E14234 0.010471 \$0.73 14243 Human Resources Expense D14243*E14234 0.009808 \$0.69 14244 Information Management Expense D14245*E14234 0.068149 \$4.76 14245 Intangibles D14245*E14234 0.002634 \$0.18 14246 [Directly Attributed Costs Sum(E14237:E14245) \$18.25 14247 E14237*E14245 \$88.10 14249 E14237*E14246 \$88.10 14249 E1428*E14246 \$88.10 14249 E14250*Common \$88.10 14251 Executive Expense D14251*E14248 0.008052 \$0.71 14252 Planning Expense D14251*E14248 0.009631 \$0.85 14253 External Relations Expense D14253*E14248 0.009631 \$0.85 14255 Other Procurement Expense				
14239 General Support Assets				\$3.92
14240 General Purpose Computers D14240*E14234 0.040926 \$2.86 14241 Uncollectible D14241*E14234 0.001136 \$0.08 14242 Accounting & Finance Expense D14242*E14234 0.010471 \$0.73 14243 Human Resources Expense D14243*E14234 0.009808 \$0.69 14244 Information Management Expense D14244*E14234 0.068149 \$4.76 14245 Intangibles D14245*E14234 0.002634 \$0.18 14246 Directly Attributed Costs Sum(E14237:E14245) \$18.25 14247 Sum(E14237:E14245) \$88.10 14248 TELRIC E14237+E14246 \$88.10 14250 Common \$14251 Executive Expense D14251*E14248 0.008052 \$0.71 14252 Planning Expense D14252*E14248 0.000682 \$0.06 14253 External Relations Expense D14253*E14248 0.009631 \$0.85 14255 Other Procurement Expense D14256*E14248 0.002772 \$0.24 14256 Research & Development Expense D14256*E14248 0.0007338 \$0.66 14255 Other General and Admin Expense D14256*E14248 0.0019104 \$1.68 14259		D14238*E14234	0.014074	
14241 Uncollectible D14241*E14234 0.001136 \$0.08 14242 Accounting & Finance Expense D14242*E14234 0.010471 \$0.73 14243 Human Resources Expense D14243*E14234 0.009808 \$0.69 14244 Information Management Expense D14244*E14234 0.068149 \$4.76 14245 Intangibles D14245*E14234 0.002634 \$0.18 14246 Directly Attributed Costs Sum(E14237:E14245) \$18.25 14247 *** *** 14248 TELRIC E14237+E14246 \$88.10 14250 Common *** 14251 Executive Expense D14251*E14248 0.008052 \$0.71 14252 Planning Expense D14252*E14248 0.00682 \$0.06 14253 External Relations Expense D14253*E14248 0.009631 \$0.85 14254 Legal Expense D14254*E14248 0.007338 \$0.65 14255 Other Procurement Expense D14255*E14248 0.0007338 \$0.65 14256 Research & Development Expense D14256*E14248 0.000042 \$0.00 14257 Other General and Admin Expense D14256*E14248 0.0019104 \$1.68 14259 </td <td>14239 General Support Assets</td> <td>D14239*E14234</td> <td>0.057904</td> <td>\$4.04</td>	14239 General Support Assets	D14239*E14234	0.057904	\$4.04
14242 Accounting & Finance Expense D14242*E14234 0.010471 \$0.73 \$1.4243 Human Resources Expense D14243*E14234 0.009808 \$0.69 \$1.4244 Information Management Expense D14244*E14234 0.068149 \$4.76	14240 General Purpose Computers	D14240*E14234	0.040926	\$2.86
14243 Human Resources Expense D14243*E14234 0.009808 \$0.69 14244 Information Management Expense D14244*E14234 0.068149 \$4.76 14245 Intangibles D14245*E14234 0.002634 \$0.18 14246 Directly Attributed Costs Sum(E14237:E14245) \$18.25 14247 **** **** 14248 TELRIC E14237*E14246 \$88.10 14249 **** **** 14250 Common **** **** 14251 Executive Expense D14251*E14248 0.008052 \$0.71 14252 Planning Expense D14252*E14248 0.000682 \$0.06 14253 External Relations Expense D14253*E14248 0.009631 \$0.85 14254 Legal Expense D14254*E14248 0.007338 \$0.65 14255 Other Procurement Expense D14256*E14248 0.0007338 \$0.65 14256 Research & Development Expense D14256*E14248 0.000042 \$0.00 14258 Common Costs Sum(E14251:E14257) \$4.20		D14241*E14234	0.001136	
14244 Information Management Expense D14244*E14234 0.068149 \$4.76 14245 Intangibles D14245*E14234 0.002634 \$0.18 14246 Directly Attributed Costs Sum(E14237:E14245) \$18.25 14247 E14237*E14246 \$88.10 14249 TELRIC E14237*E14246 \$88.10 14250 Common \$14251 Executive Expense D14251*E14248 0.008052 \$0.71 14252 Planning Expense D14252*E14248 0.000682 \$0.06 14252 Planning Expense D14253*E14248 0.009631 \$0.85 14254 Legal Expense D14253*E14248 0.007338 \$0.65 14255 Other Procurement Expense D14255*E14248 0.002772 \$0.24 14256 Research & Development Expense D14256*E14248 0.000042 \$0.00 14257 Other General and Admin Expense D14257*E14248 0.019104 \$1.68 14258 Common Costs Sum(E14251:E14257) \$4.20 14259	14242 Accounting & Finance Expense	D14242*E14234	0.010471	\$0.73
14245 Intangibles D14245*E14234 0.002634 \$0.18 14246 Directly Attributed Costs Sum(E14237:E14245) \$18.25 14247 Identify and the sum of the su	14243 Human Resources Expense	D14243*E14234	0.009808	\$0.69
14246 Directly Attributed Costs Sum(E14237:E14245) \$18.25 14247 E14237+E14246 \$88.10 14249 14250 Common 14251 Executive Expense D14251*E14248 0.008052 \$0.71 14252 Planning Expense D14252*E14248 0.00682 \$0.06 14253 External Relations Expense D14253*E14248 0.009631 \$0.65 14255 Other Procurement Expense D14254*E14248 0.002772 \$0.24 14256 Research & Development Expense D14256*E14248 0.000042 \$0.00 14257 Other General and Admin Expense D14257*E14248 0.019104 \$1.68 Common Costs Sum(E14251:E14257) \$4.20 14259 Common Costs	14244 Information Management Expense	D14244*E14234	0.068149	\$4.76
14247 14248 TELRIC E14237+E14246 \$88.10 14249 14250 Common 14251 Executive Expense D14251*E14248 0.008052 \$0.71 14252 Planning Expense D14252*E14248 0.000682 \$0.06 14253 External Relations Expense D14253*E14248 0.009631 \$0.85 14254 Legal Expense D14254*E14248 0.007338 \$0.65 14255 Other Procurement Expense D14255*E14248 0.000772 \$0.24 14256 Research & Development Expense D14256*E14248 0.000042 \$0.00 14258 Common Costs Sum(E14251:E14257) \$4.20		D14245*E14234	0.002634	\$0.18
14248 TELRIC E14237+E14246 \$88.10 14249 14250 Common 14251 Executive Expense D14251*E14248 0.008052 \$0.71 14252 Planning Expense D14252*E14248 0.000682 \$0.06 14253 External Relations Expense D14253*E14248 0.009631 \$0.85 14254 Legal Expense D14254*E14248 0.007338 \$0.65 14255 Other Procurement Expense D14255*E14248 0.000772 \$0.24 14256 Research & Development Expense D14256*E14248 0.000042 \$0.00 14258 Common Costs Sum(E14251:E14257) \$4.20		Sum(E14237:E14245)		\$18.25
14249 14250 Common 14251 Executive Expense D14251*E14248 0.008052 \$0.71 14252 Planning Expense D14252*E14248 0.000682 \$0.06 14253 External Relations Expense D14253*E14248 0.009631 \$0.85 14254 Legal Expense D14254*E14248 0.007338 \$0.65 14255 Other Procurement Expense D14255*E14248 0.002772 \$0.24 14256 Research & Development Expense D14256*E14248 0.000042 \$0.00 14257 Other General and Admin Expense D14257*E14248 0.019104 \$1.68 14258 Common Costs Sum(E14251:E14257) \$4.20				
14250 Common 14251 Executive Expense D14251*E14248 0.008052 \$0.71 14252 Planning Expense D14252*E14248 0.000682 \$0.06 14253 External Relations Expense D14253*E14248 0.009631 \$0.85 14254 Legal Expense D14254*E14248 0.007338 \$0.65 14255 Other Procurement Expense D14255*E14248 0.002772 \$0.24 14256 Research & Development Expense D14256*E14248 0.000042 \$0.00 14257 Other General and Admin Expense D14257*E14248 0.019104 \$1.68 14258 Common Costs Sum(E14251:E14257) \$4.20	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	E14237+E14246		\$88.10
14251 Executive Expense D14251*E14248 0.008052 \$0.71 14252 Planning Expense D14252*E14248 0.000682 \$0.06 14253 External Relations Expense D14253*E14248 0.009631 \$0.85 14254 Legal Expense D14254*E14248 0.007338 \$0.65 14255 Other Procurement Expense D14256*E14248 0.002772 \$0.24 14256 Research & Development Expense D14256*E14248 0.000042 \$0.00 14257 Other General and Admin Expense D14257*E14248 0.019104 \$1.68 14258 Common Costs Sum(E14251:E14257) \$4.20	· ·=···			
14252 Planning Expense D14252*E14248 0.000682 \$0.06 14253 External Relations Expense D14253*E14248 0.009631 \$0.85 14254 Legal Expense D14254*E14248 0.007338 \$0.65 14255 Other Procurement Expense D14255*E14248 0.002772 \$0.24 14256 Research & Development Expense D14256*E14248 0.000042 \$0.00 14257 Other General and Admin Expense D14257*E14248 0.019104 \$1.68 14258 Common Costs Sum(E14251:E14257) \$4.20				_
14253 External Relations Expense D14253*E14248 0.009631 \$0.85 14254 Legal Expense D14254*E14248 0.007338 \$0.65 14255 Other Procurement Expense D14255*E14248 0.002772 \$0.24 14256 Research & Development Expense D14256*E14248 0.000042 \$0.00 14257 Other General and Admin Expense D14257*E14248 0.019104 \$1.68 14258 Common Costs Sum(E14251:E14257) \$4.20				
14254 Legal Expense D14254*E14248 0.007338 \$0.65 14255 Other Procurement Expense D14255*E14248 0.002772 \$0.24 14256 Research & Development Expense D14256*E14248 0.000042 \$0.00 14257 Other General and Admin Expense D14257*E14248 0.019104 \$1.68 14258 Common Costs Sum(E14251:E14257) \$4.20 14259				
14255 Other Procurement Expense D14255*E14248 0.002772 \$0.24 14256 Research & Development Expense D14256*E14248 0.000042 \$0.00 14257 Other General and Admin Expense D14257*E14248 0.019104 \$1.68 14258 Common Costs Sum(E14251:E14257) \$4.20 14259				
14256 Research & Development Expense D14256*E14248 0.000042 \$0.00 14257 Other General and Admin Expense D14257*E14248 0.019104 \$1.68 14258 Common Costs Sum(E14251:E14257) \$4.20 14259				
14257 Other General and Admin Expense D14257*E14248 0.019104 \$1.68 14258 Common Costs Sum(E14251:E14257) \$4.20 14259				
14258 Common Costs Sum(E14251:E14257) \$4.20 14259				
14259			0.019104	
		Sum(E14251:E14257)		\$4.20
14260 TELRIC + Common Costs E14248+E14258 \$92.29				
	14260 TELRIC + Common Costs	E14248+E14258		\$92.29

Qwest Advice No. 3376T Page 331 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti
Product Group: Interconnection

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	[
						B * (C Thru F)		H * (G/60)

ICE DELIVERY COORDINATOR						
.8 probability represents this task occurs 80% of the time.						
.1 probability for GCOCMA, Credit Info occurs 10% of the time.						
.5 probability is % asr's for new trunk groups versus trunk group augments.						
.7 probability reflects 30% reduction to work time estimates ordered.						
LOGGING ASR	1	1.000	0.700	0.70	\$40.03	
LOAD WFM	2	1.000	0.700	1.40	\$40.03	
VALIDATE EXACT	10	1.000	0.700	7.00	\$40.03	
VERIFY LOA	1	0.800	0.700	0.56	\$40.03	
VERIFY TAXI	5	1.000	0.700	3.50	\$40.03	
CREDIT INFO/SECURITY	2	0.100	0.700	0.14	\$40.03	
VALIDATE TIRKS	5	1.000	0.700	3.50	\$40.03	
COMPLETE TGMR/TRDB	4	1.000	0.700	2.80	\$40.03	
SS7 FORM - NSMC	7	1.000	0.700	4.90	\$40.03	
INTRA-CO CALLS	.5	1.000	0.700	3.50	\$40.03	
MANUAL GCOCMA	15	0.100	0.700	1.05	\$40.03	
FOC	1	1.000	0.700	0.70	\$40.03	
ORD DIST PORT TUF/IABS	1	1.000	0.700	0.70	\$40.03	
ORD DIST PORT VALIDATION	4	1.000	0.700	2.80	\$40.03	
ORD DIST NRC	3	1.000	0.700	2.10	\$40.03	
ORD COMPLETION /VALIDATION	3	1.000	0.700	2.10	\$40.03	
CHECK WFA	2	1.000	0.700	1.40	\$40.03	
EXACT COMPLETION	2	1.000	0.700	1.40	\$40.03	
ORD DIST TUF/IABS	1	1.000	0.700	0.70	\$40.03	
ORD DIST USOC VALIDATION ORD COMP EF/DTT VALIDATION	4	1.000 1.000	0.700 0.700	2.80 2.10	\$40.03 \$40.03	
CHECK WFA	2	1.000	0.700	1.40	\$40.03 \$40.03	
EXACT COMPLETION	2	1.000	0.700	1.40	\$40.03 \$40.03	
EXACT COMPLETION	2	1.000	0.700	1.40	\$40.03	
al - SERVICE DELIVERY COORDINATOR				48.65		
GN						

.7 probability reflects 30% reduction to work time estimates ordered.						
ORDER HANDLING/SCREENING	5	0.200	0.700	0.70	\$44.31	\$0.52
ORDER LOGGING	6	0.200	0.700	0.84	\$44.31	\$0.62
ENTER WA MASK	5	0.100	0.700	0.35	\$44.31	\$0.26
PREP LOOP/DRI SCREEN	10	0.200	0.700	1.40	\$44.31	\$1.03
DESIGN DS0 DIGITAL CHAN TRK	20	0.100	0.700	1.40	\$44.31	\$1.03
DISTRIBUTE WORD DOC	2	0.050	0.700	0.07	\$44.31	\$0.05

Qwest Advice No. 3376T Page 332 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A Study Year: 2001

Analyst: Deffley/Eoriatti
Product Group: Interconnection

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	В	С	D	Е	F	G B * (C Thru F)	Н	I H * (G/60)
CCSAC STP PORT INSTALL mechanized (con't)								
Subtotal - DESIGN						4.76		\$3.52
TRANSLATIONS								
Probabilities are % ratio of orders for A Links (.65) versus B/D Links (.35).								
.7 probability reflects 30% reduction to work time estimates ordered. INSTALL A LINK SET	105	0.650			0.700	47.78	\$41.45	\$33.00
INSTALL B/D LINK SET	180	0.350			0.700	44.10	\$41.45	\$30.4°
PERFORM TESTS	120	1.000			0.700	84.00	\$41.45	\$58.03
Subtotal - TRANSLATIONS						175.88		\$121.50
CENTRAL OFFICE FRAMES								
Work performed in STP office.								
.7 probability reflects 30% reduction to work time estimates ordered.								
ANALYZE ORDER	5	1.000			0.700	3.50	\$43.81	\$2.5
COMPLETE CROSS-CONNECT COMPLETE ORDER IN WFA-DI	4	1.000			0.700 0.700	2.80	\$43.81 \$43.81	\$2.0
CONTACT CT TO COMPLETE	2	1.000 1.000			0.700	1.40 2.10	\$43.81 \$43.81	\$1.02 \$1.53
CONTACT OF TO COMPLETE	3	1.000			0.700		ψ+3.01	·
Subtotal - CENTRAL OFFICE FRAMES						9.80		\$7.16
SERVICE DELIVERY IMPLEMENTOR								
.042 weighting is 1/24 of a DS1 to obtain a per trunk cost.								
.7 probability reflects 30% reduction to work time estimates ordered.								
SCREEN WFA FOR CIRCUIT	10	1.000			0.700	7.00	\$43.81	\$5.11
VERIFY LNO COMPLETION NOTIFY CUSTOMER	10 5	1.000 1.000			0.700 0.700	7.00 3.50	\$43.81 \$43.81	\$5.1 ² \$2.56
COMPLETE CIRCUIT IN WFA/C	10	1.000			0.700	7.00	\$43.81	\$5.11
Subtotal - SERVICE DELIVERY IMPLEMENTOR						24.50		\$17.89
Fotal Fax Comiton						263.59		¢100 E0
Total For Service:						263.59		\$182.52

Qwest Advice No. 3376T Page 333 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G	Н	
						B * (C Thru F)		H * (G/60)

CCSAC STP PORT INSTALL mechanized (con't)

14357 Direct Cost			\$182.52
14358			
14359	Cost	Cost	
14360	Calculation	Factor	Cost
14361	ВС	D	E
14362 Directly Assigned			
14363 Product Management Expense	D14363*E14357	0.040393	\$7.37
14364 Sales Expense	D14364*E14357	0.014960	\$2.73
14365 Product Advertising Expense	D14365*E14357	0.000000	\$0.00
14366 Business Fees (Other Operating Taxes)	D14366*Sum(E14357:E14365)	0.042595	\$8.20
14367 Directly Assigned Costs	Sum(E14357:E14366)		\$18.31
14368			·
14369 Total Direct Costs	E14357+E14367		\$200.83
14370			
14371 Directly Attributed			
14372 Network Operations	D14372*E14369	0.056129	\$11.27
14373 Network Support Assets	D14373*E14369	0.014074	\$2.83
14374 General Support Assets	D14374*E14369	0.057904	\$11.63
14375 General Purpose Computers	D14375*E14369	0.040926	\$8.22
14376 Uncollectible	D14376*E14369	0.001136	\$0.23
14377 Accounting & Finance Expense	D14377*E14369	0.010471	\$2.10
14378 Human Resources Expense	D14378*E14369	0.009808	\$1.97
14379 Information Management Expense	D14379*E14369	0.068149	\$13.69
14380 Intangibles	D14380*E14369	0.002634	\$0.53
14381 Directly Attributed Costs	Sum(E14372:E14380)		\$52.46
14382	· · · · · · · · · · · · · · · · · · ·		•
14383 TELRIC	E14372+E14381		\$253.29
14384			
14385 Common			
14386 Executive Expense	D14386*E14383	0.008052	\$2.04
14387 Planning Expense	D14387*E14383	0.000682	\$0.17
14388 External Relations Expense	D14388*E14383	0.009631	\$2.44
14389 Legal Expense	D14389*E14383	0.007338	\$1.86
14390 Other Procurement Expense	D14390*E14383	0.002772	\$0.70
14391 Research & Development Expense	D14391*E14383	0.000042	\$0.01
14392 Other General and Admin Expense	D14392*E14383	0.019104	\$4.84
14393 Common Costs	Sum(E14386:E14392)		\$12.06
14394		•	
14395 TELRIC + Common Costs	E14383+E14393		\$265.35

Qwest Advice No. 3376T Page 334 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A Study Year: 2001

Analyst: Deffley/Eoriatti
Product Group: Interconnection

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	
						B * (C Thru F)		H * (G/60)

				B (0 111141)		11 (3/33)
00040 077 0077 1/07444						
CCSAC STP PORT INSTALL manual						

ADD						
-SERVICE DELIVERY COORDINATOR						
.8 probability represents this task occurs 80% of the time.						
.1 probability for GCOCMA, Credit Info occurs 10% of the time.						
.5 probability is % asr's for new trunk groups versus trunk group augments.						
.7 probability reflects 30% reduction to work time estimates ordered.						
LOGGING ASR	1	1.000	0.700	0.70	\$40.03	\$0.47
LOAD WFM	2	1.000	0.700	1.40	\$40.03	\$0.93
INPUT ASR INTO EXACT	8	1.000	0.700	5.60	\$40.03	\$3.74
VALIDATE EXACT	10	1.000	0.700	7.00	\$40.03	\$4.67
VERIFY LOA	1	0.800	0.700	0.56	\$40.03	\$0.37
VERIFY TAXI	5	1.000	0.700	3.50	\$40.03	\$2.34
CREDIT INFO/SECURITY	2	0.100	0.700	0.14	\$40.03	\$0.09
VALIDATE TIRKS	5	1.000	0.700	3.50	\$40.03	\$2.34
COMPLETE TGMR/TRDB	4	1.000	0.700	2.80	\$40.03	\$1.87
SS7 FORM - NSMC	7	1.000	0.700	4.90	\$40.03	\$3.27
INTRA-CO CALLS	5	1.000	0.700	3.50	\$40.03	\$2.34
MANUAL GCOCMA	15	0.100	0.700	1.05	\$40.03	\$0.70
FOC	10	1.000	0.700	0.70	\$40.03	\$0.47
MANUAL FOC/DLR	10	1.000	0.700	7.00	\$40.03	\$4.67
ORD DIST PORT TUF/IABS	10	1.000	0.700	0.70	\$40.03	\$0.47
ORD DIST PORT VALIDATION	4	1.000	0.700	2.80	\$40.03 \$40.03	\$0.47 \$1.87
	3					
ORD DIST NRC		1.000	0.700	2.10	\$40.03	\$1.40
ORD COMPLETION /VALIDATION	3	1.000	0.700	2.10	\$40.03	\$1.40
CHECK WFA	2	1.000	0.700	1.40	\$40.03	\$0.93
EXACT COMPLETION	2	1.000	0.700	1.40	\$40.03	\$0.93
ORD DIST TUF/IABS	1	1.000	0.700	0.70	\$40.03	\$0.47
ORD DIST USOC VALIDATION	4	1.000	0.700	2.80	\$40.03	\$1.87
ORD COMP EF/DTT VALIDATION	3	1.000	0.700	2.10	\$40.03	\$1.40
CHECK WFA	2	1.000	0.700	1.40	\$40.03	\$0.93
EXACT COMPLETION	2	1.000	0.700	1.40	\$40.03	\$0.93
Subtotal - SERVICE DELIVERY COORDINATOR				61.25		\$40.86
-DESIGN						
Probabilities are % manual work required. Reciprocal is mechanization rate.						
.7 probability reflects 30% reduction to work time estimates ordered.						
ORDER HANDLING/SCREENING	5	0.200	0.700	0.70	\$44.31	\$0.52
ORDER LOGGING	6	0.200	0.700	0.84	\$44.31	\$0.62
ENTER WA MASK	5	0.100	0.700	0.35	\$44.31	\$0.26
PREP LOOP/DRI SCREEN	10	0.200	0.700	1.40	\$44.31	\$1.03
						•

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Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti
Product Group: Interconnection

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	В	С	D	Е	F	G B * (C Thru F)	Н	I H * (G/60)
CCSAC STP PORT INSTALL manual (con't)								
DESIGN DS0 DIGITAL CHAN TRK	20	0.100			0.700	1.40	\$44.31	\$1.03
DISTRIBUTE WORD DOC	2	0.050			0.700	0.07	\$44.31	\$0.05
Subtotal - DESIGN						4.76		\$3.52
-TRANSLATIONS								
Probabilities are % ratio of orders for A Links (.65) versus B/D Links (.35).								
.7 probability reflects 30% reduction to work time estimates ordered. INSTALL A LINK SET	105	0.650			0.700	47.78	\$41.45	\$33.00
INSTALL B/D LINK SET	180	0.350			0.700	44.10	\$41.45	\$30.47
PERFORM TESTS	120	1.000			0.700	84.00	\$41.45	\$58.03
Subtotal - TRANSLATIONS						175.88		\$121.50
-CENTRAL OFFICE FRAMES								
Work performed in STP office.								
.7 probability reflects 30% reduction to work time estimates ordered.								
ANALYZE ORDER	5	1.000			0.700	3.50	\$43.81	\$2.56
COMPLETE CROSS-CONNECT	4	1.000			0.700	2.80	\$43.81	\$2.04
COMPLETE ORDER IN WFA-DI	2	1.000			0.700	1.40	\$43.81	\$1.02
CONTACT CT TO COMPLETE	3	1.000			0.700	2.10	\$43.81	\$1.53
Subtotal - CENTRAL OFFICE FRAMES						9.80		\$7.16
-SERVICE DELIVERY IMPLEMENTOR								
.042 weighting is 1/24 of a DS1 to obtain a per trunk cost.								
.7 probability reflects 30% reduction to work time estimates ordered.								
SCREEN WFA FOR CIRCUIT	10	1.000			0.700	7.00	\$43.81	\$5.11
VERIFY LNO COMPLETION	10	1.000			0.700	7.00	\$43.81	\$5.11
NOTIFY CUSTOMER	5	1.000			0.700	3.50	\$43.81	\$2.56
COMPLETE CIRCUIT IN WFA/C	10	1.000			0.700	7.00	\$43.81	\$5.11
Subtotal - SERVICE DELIVERY IMPLEMENTOR						24.50		\$17.89
Total For Service:						276.19		\$190.92

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Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G	Н	
						B * (C Thru F)		H * (G/60)

CCSAC STP PORT INSTALL manual (con't)

14492 Direct Cost			\$190.92
14493			
14494	Cost	Cost	
14495	Calculation	Factor	Cost
14496	ВС	D	E
14497 Directly Assigned			
14498 Product Management Expense	D14498*E14492	0.040393	\$7.71
14499 Sales Expense	D14499*E14492	0.014960	\$2.86
14500 Product Advertising Expense	D14500*E14492	0.000000	\$0.00
14501 Business Fees (Other Operating Taxes)	D14501*Sum(E14492:E14500)	0.042595	\$8.58
14502 Directly Assigned Costs	Sum(E14492:E14501)		\$19.15
14503			'
14504 Total Direct Costs	E14492+E14502		\$210.08
14505			
14506 Directly Attributed			
14507 Network Operations	D14507*E14504	0.056129	\$11.79
14508 Network Support Assets	D14508*E14504	0.014074	\$2.96
14509 General Support Assets	D14509*E14504	0.057904	\$12.16
14510 General Purpose Computers	D14510*E14504	0.040926	\$8.60
14511 Uncollectible	D14511*E14504	0.001136	\$0.24
14512 Accounting & Finance Expense	D14512*E14504	0.010471	\$2.20
14513 Human Resources Expense	D14513*E14504	0.009808	\$2.06
14514 Information Management Expense	D14514*E14504	0.068149	\$14.32
14515 Intangibles	D14515*E14504	0.002634	\$0.55
14516 Directly Attributed Costs	Sum(E14507:E14515)		\$54.88
14517	· · · · · · · · · · · · · · · · · · ·		
14518 TELRIC	E14507+E14516		\$264.95
14519			
14520 Common			
14521 Executive Expense	D14521*E14518	0.008052	\$2.13
14522 Planning Expense	D14522*E14518	0.000682	\$0.18
14523 External Relations Expense	D14523*E14518	0.009631	\$2.55
14524 Legal Expense	D14524*E14518	0.007338	\$1.94
14525 Other Procurement Expense	D14525*E14518	0.002772	\$0.73
14526 Research & Development Expense	D14526*E14518	0.000042	\$0.01
14527 Other General and Admin Expense	D14527*E14518	0.019104	\$5.06
14528 Common Costs	Sum(E14521:E14527)		\$12.62
14529			
14530 TELRIC + Common Costs	E14518+E14528		\$277.57

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3.00

\$43.81

\$2.19

Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti Product Group: Interconnection

REMOVE CROSS-CONNECT

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G	Н	
						D + (O TI E)		11 + (0 (00)

B * (C Thru F) H * (G/60) CCSAC STP PORT DISCONNECT mechanized *DISCONNECT* -SERVICE DELIVERY COORDINATOR .8 probability represents this task occurs 80% of the time. .1 probability for GCOCMA, Credit Info occurs 10% of the time. .5 probability is % asr's for new trunk groups versus trunk group augments. .7 probability reflects 30% reduction to work time estimates ordered. LOGGING ASR 0.700 0.70 \$40.03 \$0.47 1.000 LOAD WFM 2 1.000 0.700 1.40 \$40.03 \$0.93 VALIDATE EXACT 10 1.000 0.700 7.00 \$40.03 \$4.67 **VERIFY TAXI** 5 0.700 3.50 \$40.03 \$2.34 1.000 VALIDATE TIRKS 1.000 0.700 3.50 \$40.03 \$2.34 5 SS7 FORM - NSMC 7 1.000 0.700 4.90 \$40.03 \$3.27 MANUAL GCOCMA 15 0.100 0.700 1.05 \$40.03 \$0.70 FOC 1.000 0.700 0.70 \$40.03 \$0.47 ORD DIST PORT TUF/IABS 0.700 0.70 \$40.03 \$0.47 1.000 ORD COMPLETION /VALIDATION 0.700 \$40.03 \$1.40 3 1.000 2.10 CHECK WFA 0.700 1.40 \$40.03 \$0.93 1.000 **EXACT COMPLETION** 1.000 0.700 1.40 \$40.03 \$0.93 ORD DIST TUF/IABS 1.000 0.700 0.70 \$40.03 \$0.47 ORD DIST USOC VALIDATION 1.000 0.700 0.70 \$40.03 \$0.47 ORD COMP EF/DTT VALIDATION 3 1.000 0.700 2.10 \$40.03 \$1.40 **CHECK WFA** 1.000 0.700 0.70 \$40.03 \$0.47 **EXACT COMPLETION** 2 1.000 0.700 1.40 \$40.03 \$0.93 Subtotal - SERVICE DELIVERY COORDINATOR 33.95 \$22.65 -DESIGN .1, .05 probabilities are % manual work. Reciprocal is mechanization rate. .7 probability reflects 30% reduction to work time estimates ordered. ORDER HANDLING/SCREENING 0.100 0.700 0.35 \$44.31 \$0.26 5 ORDER LOGGING 6 0.100 0.700 0.42 \$44.31 \$0.31 **ENTER WA MASK** 0.100 0.700 0.35 \$44.31 \$0.26 5 CIRCUIT DISCONNECT 0.100 0.700 \$44.31 5 0.35 \$0.26 DISTRIBUTE WORD DOC 0.050 0.700 0.07 \$44.31 \$0.05 Subtotal - DESIGN 1.54 \$1.14 -CENTRAL OFFICE FRAMES Time estimate(s) ordered by commission staff. ANALYZE ORDER 2 1.000 2.00 \$43.81 \$1.46

3

1.000

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Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti
Product Group: Interconnection

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
WOINTE	B	# 1	#2 D	#3 F	#** F	G	/HOUI	COSt
Λ	Б	O	D	_	•	B * (C Thru F)		H * (G/60)
CCSAC STP PORT DISCONNECT mechanized (con't)								
Subtotal - CENTRAL OFFICE FRAMES						5.00		\$3.65
-SERVICE DELIVERY IMPLEMENTOR								
.7 probability reflects 30% reduction to work time estimates ordered.								
SCREEN WFA FOR CIRCUIT	5	1.000			0.700	3.50	\$43.81	\$2.56
CONTACT CUSTOMER	5	1.000			0.700	3.50	\$43.81	\$2.56
COMPLETE CIRCUIT IN WFA/C	5	1.000			0.700	3.50	\$43.81	\$2.56
Subtotal - SERVICE DELIVERY IMPLEMENTOR						10.50		\$7.67
Total For Service:						50.99		\$35.11

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Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	[
						B * (C Thru F)		H * (G/60)

CCSAC STP PORT DISCONNECT mechanized (con't)

14627 Direct Cost			\$35.11
14628			
14629	Cost	Cost	
14630		Factor	Cost
14631	ВС	D	E
14632 Directly Assigned			
14633 Product Management Expense	D14633*E14627	0.040393	\$1.42
14634 Sales Expense	D14634*E14627	0.014960	\$0.53
14635 Product Advertising Expense	D14635*E14627	0.000000	\$0.00
14636 Business Fees (Other Operating Taxes)	D14636*Sum(E14627:E14635)	0.042595	\$1.58
14637 Directly Assigned Costs	Sum(E14627:E14636)		\$3.52
14638			
14639 Total Direct Costs	E14627+E14637		\$38.63
14640			
14641 Directly Attributed			
14642 Network Operations	D14642*E14639	0.056129	\$2.17
14643 Network Support Assets	D14643*E14639	0.014074	\$0.54
14644 General Support Assets	D14644*E14639	0.057904	\$2.24
14645 General Purpose Computers	D14645*E14639	0.040926	\$1.58
14646 Uncollectible	D14646*E14639	0.001136	\$0.04
14647 Accounting & Finance Expense	D14647*E14639	0.010471	\$0.40
14648 Human Resources Expense	D14648*E14639	0.009808	\$0.38
14649 Information Management Expense	D14649*E14639	0.068149	\$2.63
14650 Intangibles	D14650*E14639	0.002634	\$0.10
14651 Directly Attributed Costs	Sum(E14642:E14650)		\$10.09
14652			
14653 TELRIC	E14642+E14651		\$48.72
14654			
14655 Common			_
14656 Executive Expense	D14656*E14653	0.008052	\$0.39
14657 Planning Expense	D14657*E14653	0.000682	\$0.03
14658 External Relations Expense	D14658*E14653	0.009631	\$0.47
14659 Legal Expense	D14659*E14653	0.007338	\$0.36
14660 Other Procurement Expense	D14660*E14653	0.002772	\$0.14
14661 Research & Development Expense	D14661*E14653	0.000042	\$0.00
14662 Other General and Admin Expense	D14662*E14653	0.019104	\$0.93
14663 Common Costs	Sum(E14656:E14662)		\$2.32
14664			
14665 TELRIC + Common Costs	E14653+E14663		\$51.04

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\$40.03

1.40

43.05

\$0.93

\$28.72

0.700

Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti Product Group: Interconnection

State: Washington

Work Item	Time Minutes	Prob #1	Prob	Prob	Prob #4	Applied Time (Minutes)	Labor	Cont
Work item	winutes	#1	#2	#3	#4	(wirrutes)	/Hour	Cost
A	В	С	D	E	F	G	Н	
						B * (C Thru F)		H * (G/60)

CCSAC STP PORT DISCONNECT manual

DISCONNECT

-SERVICE DELIVERY COORDINATOR						
.8 probability represents this task occurs 80% of the time.						
.1 probability for GCOCMA, Credit Info occurs 10% of the time.						
.5 probability is % asr's for new trunk groups versus trunk group augments.						
.7 probability reflects 30% reduction to work time estimates ordered.						
LOGGING ASR	1	1.000	0.700	0.70	\$40.03	\$0.47
LOAD WFM	2	1.000	0.700	1.40	\$40.03	\$0.93
INPUT ASR INTO EXACT	8	1.000	0.700	5.60	\$40.03	\$3.74
VALIDATE EXACT	10	1.000	0.700	7.00	\$40.03	\$4.67
VERIFY TAXI	5	1.000	0.700	3.50	\$40.03	\$2.34
VALIDATE TIRKS	5	1.000	0.700	3.50	\$40.03	\$2.34
SS7 FORM - NSMC	7	1.000	0.700	4.90	\$40.03	\$3.27
MANUAL GCOCMA	15	0.100	0.700	1.05	\$40.03	\$0.70
FOC	1	1.000	0.700	0.70	\$40.03	\$0.47
MANUAL FOC/DLR	5	1.000	0.700	3.50	\$40.03	\$2.34
ORD DIST PORT TUF/IABS	1	1.000	0.700	0.70	\$40.03	\$0.47
ORD COMPLETION /VALIDATION	3	1.000	0.700	2.10	\$40.03	\$1.40
CHECK WFA	2	1.000	0.700	1.40	\$40.03	\$0.93
EXACT COMPLETION	2	1.000	0.700	1.40	\$40.03	\$0.93
ORD DIST TUF/IABS	1	1.000	0.700	0.70	\$40.03	\$0.47
ORD DIST USOC VALIDATION	1	1.000	0.700	0.70	\$40.03	\$0.47
ORD COMP EF/DTT VALIDATION	3	1.000	0.700	2.10	\$40.03	\$1.40
CHECK WFA	1	1.000	0.700	0.70	\$40.03	\$0.47

-DESIGN
.1. .05 probabilities are % manual work. Reciprocal is mechanization rate.

Subtotal - DESIGN				1.54		\$1.14
DISTRIBUTE WORD DOC	2	0.050	0.700	0.07	\$44.31	\$0.05
CIRCUIT DISCONNECT	5	0.100	0.700	0.35	\$44.31	\$0.26
ENTER WA MASK	5	0.100	0.700	0.35	\$44.31	\$0.26
ORDER LOGGING	6	0.100	0.700	0.42	\$44.31	\$0.31
ORDER HANDLING/SCREENING	5	0.100	0.700	0.35	\$44.31	\$0.26
.7 probability reflects 30% reduction to work time estimates ordered.						
7, 100 probabilities are 76 manual work. Reciprocal is mechanization rate.						

1

1.000

-CENTRAL OFFICE FRAMES

EXACT COMPLETION

Subtotal - SERVICE DELIVERY COORDINATOR

Time estimate(s) ordered by commission staff.

Qwest Advice No. 3376T Page 341 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti
Product Group: Interconnection

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G	Н	1
						B * (C Thru F)		H * (G/60)
CCSAC STP PORT DISCONNECT manual (con't)								
ANALYZE ORDER	2	1.000				2.00	\$43.81	\$1.46
REMOVE CROSS-CONNECT	3	1.000				3.00	\$43.81	\$2.19
Subtotal - CENTRAL OFFICE FRAMES						5.00		\$3.65
-SERVICE DELIVERY IMPLEMENTOR								
.7 probability reflects 30% reduction to work time estimates ordered.								
SCREEN WFA FOR CIRCUIT	5	1.000			0.700	3.50	\$43.81	\$2.56
CONTACT CUSTOMER	5	1.000			0.700	3.50	\$43.81	\$2.56
COMPLETE CIRCUIT IN WFA/C	5	1.000			0.700	3.50	\$43.81	\$2.56
Subtotal - SERVICE DELIVERY IMPLEMENTOR						10.50		\$7.67
Total For Service:						60.09		\$41.18

Qwest Advice No. 3376T Page 342 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	
						B * (C Thru F)		H * (G/60)

CCSAC STP PORT DISCONNECT manual (con't)

14763 14764	Cost	Coot	
		Cook	
4.4705		Cost	
14765	Calculation	Factor	Cost
14766	ВС	D	E
14767 Directly Assigned			
14768 Product Management Expense	D14768*E14762	0.040393	\$1.66
14769 Sales Expense	D14769*E14762	0.014960	\$0.62
14770 Product Advertising Expense	D14770*E14762	0.000000	\$0.00
14771 Business Fees (Other Operating Taxes)	D14771*Sum(E14762:E14770)	0.042595	\$1.85
14772 Directly Assigned Costs	Sum(E14762:E14771)		\$4.13
14773	· · ·		
14774 Total Direct Costs	E14762+E14772		\$45.31
14775			
14776 Directly Attributed			
14777 Network Operations	D14777*E14774	0.056129	\$2.54
14778 Network Support Assets	D14778*E14774	0.014074	\$0.64
14779 General Support Assets	D14779*E14774	0.057904	\$2.62
14780 General Purpose Computers	D14780*E14774	0.040926	\$1.85
14781 Uncollectible	D14781*E14774	0.001136	\$0.05
14782 Accounting & Finance Expense	D14782*E14774	0.010471	\$0.47
14783 Human Resources Expense	D14783*E14774	0.009808	\$0.44
14784 Information Management Expense	D14784*E14774	0.068149	\$3.09
14785 Intangibles	D14785*E14774	0.002634	\$0.12
14786 Directly Attributed Costs	Sum(E14777:E14785)		\$11.84
14787	,		
14788 TELRIC	E14777+E14786		\$57.14
14789			
14790 Common			
14791 Executive Expense	D14791*E14788	0.008052	\$0.46
14792 Planning Expense	D14792*E14788	0.000682	\$0.04
14793 External Relations Expense	D14793*E14788	0.009631	\$0.55
14794 Legal Expense	D14794*E14788	0.007338	\$0.42
14795 Other Procurement Expense	D14795*E14788	0.002772	\$0.16
14796 Research & Development Expense	D14796*E14788	0.000042	\$0.00
14797 Other General and Admin Expense	D14797*E14788	0.019104	\$1.09
14798 Common Costs	Sum(E14791:E14797)		\$2.72
14799	<u> </u>		
14800 TELRIC + Common Costs	E14788+E14798		\$59.86

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Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	В	C	D	E	F	G B * (C Thru F)	Н	I H * (G/60)
CCSAC OPTIONS BASIC FIRST ACTIVATION PER ORDER INSTALL mechanized								
<u>*ADD*</u>								
-SERVICE DELIVERY COORDINATOR								
.8 probability represents this task occurs 80% of the time.								
.1 probability for GCOCMA, Credit Info occurs 10% of the time.								
.5 probability is % asr's for new trunk groups versus trunk group augments.								
.7 probability reflects 30% reduction to work time estimates ordered.								
LOGGING ASR	1	1.000			0.700	0.70	\$40.03	\$0.4
LOAD WFM VALIDATE EXACT	2	1.000			0.700	1.40	\$40.03	\$0.9
VERIFY LOA	10	1.000 0.800			0.700 0.700	7.00 0.56	\$40.03 \$40.03	\$4.6 \$0.3
VERIFY LOA VERIFY TAXI	1 5	1.000			0.700	3.50	\$40.03 \$40.03	\$0.3 \$2.3
SS7 FORM - NSMC	5 7	1.000			0.700	4.90	\$40.03	\$3.2
INTRA-CO CALLS	, 5	1.000			0.700	3.50	\$40.03	\$2.3
FOC	1	1.000			0.700	0.70	\$40.03	\$0.4
ORD DIST PORT TUF/IABS	1	1.000			0.700	0.70	\$40.03	\$0.4 \$0.4
ORD DIST PORT VALIDATION	4	1.000			0.700	2.80	\$40.03	\$1.8
ORD DIST NRC	3	1.000			0.700	2.10	\$40.03	\$1.4
ORD COMPLETION (VALIDATION	3	1.000			0.700	2.10	\$40.03	\$1.4
EXACT COMPLETION	2	1.000			0.700	1.40	\$40.03	\$0.9
Subtotal - SERVICE DELIVERY COORDINATOR						31.36		\$20.9
-TRANSLATIONS								
.7 probability reflects 30% reduction to work time estimates ordered.		4.000			0.700	44.00	044.45	60.0
ACTIVATE POINT CODE	20	1.000			0.700	14.00	\$41.45	\$9.6
Subtotal - TRANSLATIONS						14.00		\$9.6
Total For Service:						45.36		\$30.5
Total For Gervice.						75.50		ψ30.3

Qwest Advice No. 3376T Page 344 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	[
						B * (C Thru F)		H * (G/60)

CCSAC OPTIONS BASIC FIRST ACTIVATION PER ORDER INSTALL mechanized (con't)

14852 Direct Cost			\$30.59
14853			
14854	Cost	Cost	
14855	Calculation	Factor	Cost
14856	ВС	D	Е
14857 Directly Assigned			
14858 Product Management Expense	D14858*E14852	0.040393	\$1.24
14859 Sales Expense	D14859*E14852	0.014960	\$0.46
14860 Product Advertising Expense	D14860*E14852	0.000000	\$0.00
14861 Business Fees (Other Operating Taxes)	D14861*Sum(E14852:E14860)	0.042595	\$1.38
14862 Directly Assigned Costs	Sum(E14852:E14861)		\$3.07
14863			
14864 Total Direct Costs	E14852+E14862		\$33.66
14865			.,
14866 Directly Attributed			
14867 Network Operations	D14867*E14864	0.056129	\$1.89
14868 Network Support Assets	D14868*E14864	0.014074	\$0.47
14869 General Support Assets	D14869*E14864	0.057904	\$1.95
14870 General Purpose Computers	D14870*E14864	0.040926	\$1.38
14871 Uncollectible	D14871*E14864	0.001136	\$0.04
14872 Accounting & Finance Expense	D14872*E14864	0.010471	\$0.35
14873 Human Resources Expense	D14873*E14864	0.009808	\$0.33
14874 Information Management Expense	D14874*E14864	0.068149	\$2.29
14875 Intangibles	D14875*E14864	0.002634	\$0.09
14876 Directly Attributed Costs	Sum(E14867:E14875)		\$8.79
14877			
14878 TELRIC	E14867+E14876		\$42.46
14879			
14880 Common			
14881 Executive Expense	D14881*E14878	0.008052	\$0.34
14882 Planning Expense	D14882*E14878	0.000682	\$0.03
14883 External Relations Expense	D14883*E14878	0.009631	\$0.41
14884 Legal Expense	D14884*E14878	0.007338	\$0.31
14885 Other Procurement Expense	D14885*E14878	0.002772	\$0.12
14886 Research & Development Expense	D14886*E14878	0.000042	\$0.00
14887 Other General and Admin Expense	D14887*E14878	0.019104	\$0.81
14888 Common Costs	Sum(E14881:E14887)		\$2.02
14889			
14890 TELRIC + Common Costs	E14878+E14888		\$44.48

Time

Prob

Prob

Prob

Prob

Applied Time

Qwest Advice No. 3376T Page 345 Of 743 ENRC Version: 2.14 Date: 01/17/03

Labor

Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
В	С	D	Е	F	G B * (C Thru F)	Н	I H * (G/60)
					_ (•• ,		(2,22)
1	1.000			0.700	0.70	\$40.03	\$0
2	1.000			0.700	1.40	\$40.03	\$0.
8	1.000			0.700	5.60	\$40.03	\$3.
10	1.000			0.700	7.00	\$40.03	\$4.
1	0.800			0.700	0.56	\$40.03	\$0.
5	1.000			0.700	3.50	\$40.03	\$2.
7	1.000						\$3.
5							\$2.
1	1.000			0.700			\$0.
5	1.000			0.700			\$2
1	1.000						\$0
4	1.000			0.700			\$1.
3	1.000			0.700			\$1.
3							\$1.
2	1.000			0.700	1.40	\$40.03	\$0.
					40.46		\$26
20	1 000			0.700	14 00	\$41.45	\$9
	1.000			3.700		Ψ11.40	·
					14.00		\$9
					54.46		\$36
	B 1 2 8 10 1 5 7 5 1 5 1 4 3 3	1 1.000 2 1.000 8 1.000 10 1.000 5 1.000 7 1.000 5 1.000 1 1.000 5 1.000 1 1.000 4 1.000 3 1.000 3 1.000 2 1.000	1 1.000 2 1.000 8 1.000 10 1.000 1 0.800 5 1.000 7 1.000 5 1.000 1 1.000 5 1.000 1 1.000 4 1.000 3 1.000 3 1.000 2 1.000	1 1.000 2 1.000 8 1.000 10 1.000 1 1 0.800 5 1.000 7 1.000 5 1.000 1 1 1.000 5 1.000 1 1.000 3 1.000 3 1.000 2 1.000	1 1.000 0.700 2 1.000 0.700 8 1.000 0.700 10 1.000 0.700 1 0.800 0.700 5 1.000 0.700 7 1.000 0.700 5 1.000 0.700 5 1.000 0.700 5 1.000 0.700 1 1.000 0.700 4 1.000 0.700 3 1.000 0.700 3 1.000 0.700 2 1.000 0.700	B C D E F G B*(C Thru F) 1 1.000 0.700 0.70 2 1.000 0.700 1.40 8 1.000 0.700 5.60 10 1.000 0.700 7.00 1 0.800 0.700 0.56 5 1.000 0.700 0.56 5 1.000 0.700 3.50 7 1.000 0.700 3.50 7 1.000 0.700 3.50 1 1.000 0.700 0.700 5 1.000 0.700 0.700 1 1.000 0.700 0.700 3 1.000 0.700 0.700 3 1.000 0.700 0.700 2 1.000 0.700 0.700 3 1.000 0.700 0.700 2 1.000 0.700 0.700 2 1.000 0.700 0.700 2 1.000 0.700 0.700 2 1.000 0.700 0.700 3 1.000 0.700 0.700 3 1.000 0.700 0.700 4 1.000 0.700 0.700 2 1.000 0.700 0.700 2 1.000 0.700 1.40	B C D E F G H B*(C Thru F) 1 1.000 0.700 0.700 \$40.03 2 1.000 0.700 1.40 \$40.03 8 1.000 0.700 5.60 \$40.03 10 1.000 0.700 7.00 \$40.03 1 0.800 0.700 0.56 \$40.03 5 1.000 0.700 0.56 \$40.03 7 1.000 0.700 3.50 \$40.03 7 1.000 0.700 3.50 \$40.03 5 1.000 0.700 3.50 \$40.03 1 1.000 0.700 3.50 \$40.03 5 1.000 0.700 3.50 \$40.03 1 1.000 0.700 3.50 \$40.03 1 1.000 0.700 0.70 \$40.03 3 1.000 0.700 0.700 \$40.03 3 1.000 0.700 0.700 \$40.03 3 1.000 0.700 0.700 \$40.03 3 1.000 0.700 0.700 \$40.03 3 1.000 0.700 2.80 \$40.03 2 1.000 0.700 2.10 \$40.03 2 1.000 0.700 2.10 \$40.03 2 1.000 0.700 1.40 \$40.03

Qwest Advice No. 3376T Page 346 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	[
						B * (C Thru F)		H * (G/60)

CCSAC OPTIONS BASIC FIRST ACTIVATION PER ORDER INSTALL manual (con't)

14943 14944 14945 14946 14947 <i>Directly Assigned</i> 14948 Product Management Expense 14949 Sales Expense 14950 Product Advertising Expense	Cost Calculation B C D14948*E14942 D14949*E14942 D14950*E14942 D14951*Sum(E14942:E14950)	Cost Factor D 0.040393 0.014960	Cost E \$1.48 \$0.55
14945 14946 14947 <i>Directly Assigned</i> 14948 Product Management Expense 14949 Sales Expense	Calculation B C D14948*E14942 D14949*E14942 D14950*E14942	D 0.040393 0.014960	E \$1.48
14946 14947 <i>Directly Assigned</i> 14948 Product Management Expense 14949 Sales Expense	B C D14948*E14942 D14949*E14942 D14950*E14942	0.040393 0.014960	E \$1.48
14947 <i>Directly Assigned</i> 14948 Product Management Expense 14949 Sales Expense	D14948*E14942 D14949*E14942 D14950*E14942	0.040393 0.014960	\$1.48
14948 Product Management Expense 14949 Sales Expense	D14949*E14942 D14950*E14942	0.014960	
14949 Sales Expense	D14949*E14942 D14950*E14942	0.014960	
	D14950*E14942		\$0.55
14050 Broduct Advortising Expanse			
14930 Floudi Advertising Expense	D14951*Sum/F14942·F14950)	0.000000	\$0.00
14951 Business Fees (Other Operating Taxes)		0.042595	\$1.65
14952 Directly Assigned Costs	Sum(E14942:E14951)		\$3.68
14953	·		
14954 Total Direct Costs	E14942+E14952		\$40.34
14955			
14956 Directly Attributed			
14957 Network Operations	D14957*E14954	0.056129	\$2.26
14958 Network Support Assets	D14958*E14954	0.014074	\$0.57
14959 General Support Assets	D14959*E14954	0.057904	\$2.34
14960 General Purpose Computers	D14960*E14954	0.040926	\$1.65
14961 Uncollectible	D14961*E14954	0.001136	\$0.05
14962 Accounting & Finance Expense	D14962*E14954	0.010471	\$0.42
14963 Human Resources Expense	D14963*E14954	0.009808	\$0.40
14964 Information Management Expense	D14964*E14954	0.068149	\$2.75
14965 Intangibles	D14965*E14954	0.002634	\$0.11
14966 Directly Attributed Costs	Sum(E14957:E14965)		\$10.54
14967	,		
14968 TELRIC	E14957+E14966		\$50.88
14969			
14970 Common			
14971 Executive Expense	D14971*E14968	0.008052	\$0.41
14972 Planning Expense	D14972*E14968	0.000682	\$0.03
14973 External Relations Expense	D14973*E14968	0.009631	\$0.49
14974 Legal Expense	D14974*E14968	0.007338	\$0.37
14975 Other Procurement Expense	D14975*E14968	0.002772	\$0.14
14976 Research & Development Expense	D14976*E14968	0.000042	\$0.00
14977 Other General and Admin Expense	D14977*E14968	0.019104	\$0.97
14978 Common Costs	Sum(E14971:E14977)		\$2.42
14979			
14980 TELRIC + Common Costs	E14968+E14978		\$53.30

Qwest Advice No. 3376T Page 347 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	В	С	D	E	F	G B * (C Thru F)	Н	I H * (G/60)
CCSAC OPTIONS BASIC FIRST ACTIVATION PER ORDER DISCONNECT mechanized								
DISCONNECT								
-SERVICE DELIVERY COORDINATOR .8 probability represents this task occurs 80% of the time1 probability for GCOCMA, Credit Info occurs 10% of the time5 probability is % asr's for new trunk groups versus trunk group augments7 probability reflects 30% reduction to work time estimates ordered. LOGGING ASR LOAD WFM VALIDATE EXACT VERIFY TAXI SS7 FORM - NSMC FOC ORD DIST PORT TUF/IABS ORD COMPLETION /VALIDATION EXACT COMPLETION	1 2 10 5 7 1 1 3 2	1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000			0.700 0.700 0.700 0.700 0.700 0.700 0.700 0.700 0.700	0.70 1.40 7.00 3.50 4.90 0.70 0.70 2.10 1.40	\$40.03 \$40.03 \$40.03 \$40.03 \$40.03 \$40.03 \$40.03 \$40.03	\$0.47 \$0.93 \$4.67 \$2.34 \$3.27 \$0.47 \$0.47 \$1.40 \$0.93
Subtotal - SERVICE DELIVERY COORDINATOR						22.40		\$14.94
-TRANSLATIONS .7 probability reflects 30% reduction to work time estimates ordered. DEACTIVATE POINT CODE	20	1.000			0.700	14.00	\$41.45	\$9.67
Subtotal - TRANSLATIONS						14.00		\$9.67
Total For Service:						36.40		\$24.62

Qwest Advice No. 3376T Page 348 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G	Н	
						B * (C Thru F)		H * (G/60)

CCSAC OPTIONS BASIC FIRST ACTIVATION PER ORDER DISCONNECT mechanized (con't)

15039 Sales Expense	15032 Direct Cost			\$24.62
Fig. 2015 Fig. 300	15033			
15036	15034	Cost	Cost	
15037 Directly Assigned	15035	Calculation	actor	Cost
15038 Product Management Expense D15039*E15032 0.040393 \$0.95 \$1.5039* \$1.5039* \$1.5039* \$1.5039* \$1.5039* \$1.5039* \$1.5039* \$1.5039* \$1.5039* \$1.5039* \$1.5039* \$1.5039* \$1.5039* \$1.5039* \$1.5039* \$1.5039* \$1.5032* \$1.5032* \$1.5032* \$1.5032* \$1.5041 \$1.5042*	15036	ВС	D	Е
15039 Sales Expense D15039*E15032 0.014960 \$0.37 \$0.00000 \$0.00000 \$0.00000 \$0.00000 \$0.00000 \$0.00000 \$0.00000 \$0.00000 \$0.00000 \$0.00000 \$0.00000 \$0.00000 \$0.00000 \$0.00000 \$0.00000 \$0.00000 \$0.00000 \$0.000000 \$0.00000 \$0.00000 \$0.00000 \$0.00000 \$0.00000 \$0.00000 \$0.000000 \$0.00000 \$0.00000 \$0.00000 \$0.000000 \$0.000000 \$0.000000 \$0.00000000 \$0.0000000000	15037 Directly Assigned			
15040 Product Advertising Expense D15041*Sum(E15032:E15040) 0.042595 \$1.11 15041 Business Fees (Other Operating Taxes) Sum(E15032:E15041) 0.042595 \$1.11 15042 Directly Assigned Costs Sum(E15032:E15041) 0.042595 \$1.15 15043 Total Direct Costs E15032*E15042 \$2.70 15045 Sum (E15032*E15042 \$2.70 15046 Directly Attributed Sum (E15032*E15044 0.056129 \$1.52 15047 Network Operations D15047*E15044 0.056129 \$1.52 15048 Network Support Assets D15048*E15044 0.074074 \$0.35 15049 General Support Assets D15048*E15044 0.079094 \$1.57 15059 General Purpose Computers D15051*E15044 0.04026 \$1.11 15051 Uncollectible D15051*E15044 0.014074 \$0.03 15052 Accounting & Finance Expense D15052*E15044 0.010471 \$0.25 15053 Human Resources Expense D15052*E15044 0.010471 \$0.25 15054 Information Management Expense D15054*E15044 0.09808 \$0.27 15055 Intangibles D15054*E15044 0.008149 \$1.85 15055 Intangibles D15054*E15044 0.008149 \$1.85 15055 TELRIC E1504*F15055 \$3.00 15067 Other Management Expense D15061*E15056 \$3.4 15068 Resource Expense D15061*E15056 \$3.4 15069 Directly Attributed Costs \$3.00 15069 Directly Attributed Expense D15061*E15058 0.008052 \$0.02 15069 Directly Attributed Expense D15061*E15058 0.008052 \$0.02 15069 Directly Attributed Expense D15061*E15058 0.00733 \$0.02 15060 Research & Development Expense D15066*E15058 0.00733 \$0.02 15066 Research & Development Expense D15066*E15058 0.00733 \$0.03 15066 Research & Development Expense D15066*E15058 0.00733 \$0.03 15066 Research & Development Expense D15066*E15058 0.00963 \$0.03 15066 Research & Development Expe	15038 Product Management Expense	D15038*E15032	0.040393	\$0.99
15041 Business Fees (Other Operating Taxes)	15039 Sales Expense	D15039*E15032	0.014960	\$0.37
15042 Directly Assigned Costs Sum(E15032:E15041) \$2.47 15043	15040 Product Advertising Expense	D15040*E15032	0.000000	\$0.00
15042 Directly Assigned Costs Sum(E15032:E15041) \$2.47 15043	15041 Business Fees (Other Operating Taxes)	D15041*Sum(E15032:E15040)	0.042595	\$1.11
15044 Total Direct Costs		Sum(E15032:E15041)		\$2.47
15045 15046 Directly Attributed	15043			
15046 Directly Attributed 15047 Network Operations 15048 1		E15032+E15042		\$27.09
15047 Network Operations D1504**E15044 0.056129 \$1.52 15048 Network Support Assets D15048**E15044 0.014074 \$0.38 15049 General Support Assets D15048**E15044 0.04704 \$1.57 15050 General Purpose Computers D1505**E15044 0.040926 \$1.11 15051 Uncollectible D1505**E15044 0.001136 \$0.03 15052 Accounting & Finance Expense D1505**E15044 0.010471 \$0.28 15053 Human Resources Expense D1505**E15044 0.009808 \$0.27 15054 Information Management Expense D1505**E15044 0.088149 \$1.88 15055 Intangibles D15055**E15044 0.002634 \$0.07 15055 Intangibles D15055**E15044 0.002634 \$0.07 15056 Directly Attributed Costs D1505**E15044 0.002634 \$0.07 15057 Sum(E15047**E15055) \$7.06 15058 TELRIC E15047**E15056 \$34.16 15059 TELRIC E15047**E15056 \$34.16 15059 TELRIC E15047**E15058 0.008052 \$0.28 15060 Common Com				
15048 Network Support Assets				
15049 General Support Assets				\$1.52
15050 General Purpose Computers		D15048*E15044	0.014074	\$0.38
15051 Uncollectible		D15049*E15044	0.057904	\$1.57
15052 Accounting & Finance Expense D15052*E15044 0.010471 \$0.26	15050 General Purpose Computers	D15050*E15044	0.040926	\$1.11
15053 Human Resources Expense D15053*E15044 0.009808 \$0.27 \$15054 Information Management Expense D15054*E15044 0.068149 \$1.85 \$1		D15051*E15044	0.001136	\$0.03
15054 Information Management Expense D15054*E15044 0.068149 \$1.85 15055 Intangibles D15055*E15044 0.002634 \$0.07 15056 Directly Attributed Costs Sum(E15047:E15055) \$7.05 15057	15052 Accounting & Finance Expense	D15052*E15044	0.010471	\$0.28
15055 Intangibles D15055*E15044 0.002634 \$0.07 15056 Directly Attributed Costs Sum(E15047:E15055) \$7.08 15057	15053 Human Resources Expense	D15053*E15044	0.009808	\$0.27
15056 Directly Attributed Costs Sum(E15047:E15055) \$7.08 15057	15054 Information Management Expense	D15054*E15044	0.068149	\$1.85
15057 15058 TELRIC		D15055*E15044	0.002634	\$0.07
15058 TELRIC E15047+E15056 \$34.16 15059		Sum(E15047:E15055)		\$7.08
15059 15060 Common 15061 Executive Expense				
15060 Common 15061 Executive Expense D15061*E15058 0.008052 \$0.28 15062 Planning Expense D15062*E15058 0.000682 \$0.02 15063 External Relations Expense D15063*E15058 0.009631 \$0.33 15064 Legal Expense D15064*E15058 0.007338 \$0.25 15065 Other Procurement Expense D15065*E15058 0.002772 \$0.09 15066 Research & Development Expense D15066*E15058 0.000042 \$0.00 15069 Other General and Admin Expense D15067*E15058 0.019104 \$0.65 15069 Common Costs Sum(E15061:E15067) \$1.63		E15047+E15056		\$34.16
15061 Executive Expense D15061*E15058 0.008052 \$0.28 15062 Planning Expense D15062*E15058 0.000682 \$0.02 15063 External Relations Expense D15063*E15058 0.009631 \$0.33 15064 Legal Expense D15064*E15058 0.007338 \$0.25 15065 Other Procurement Expense D15065*E15058 0.002772 \$0.05 15066 Research & Development Expense D15066*E15058 0.000042 \$0.00 15067 Other General and Admin Expense D15067*E15058 0.019104 \$0.65 15068 Common Costs Sum(E15061:E15067) \$1.63				
15062 Planning Expense D15062*E15058 0.000682 \$0.02 15063 External Relations Expense D15063*E15058 0.009631 \$0.33 15064 Legal Expense D15064*E15058 0.007338 \$0.25 15065 Other Procurement Expense D15065*E15058 0.002772 \$0.00 15066 Research & Development Expense D15066*E15058 0.000042 \$0.00 15067 Other General and Admin Expense D15067*E15058 0.019104 \$0.65 15068 Common Costs Sum(E15061:E15067) \$1.63				
15063 External Relations Expense D15063*E15058 0.009631 \$0.33 15064 Legal Expense D15064*E15058 0.007338 \$0.25 15065 Other Procurement Expense D15065*E15058 0.002772 \$0.05 15066 Research & Development Expense D15066*E15058 0.000042 \$0.00 15067 Other General and Admin Expense D15067*E15058 0.019104 \$0.65 15068 Common Costs Sum(E15061:E15067) \$1.63				
15064 Legal Expense D15064*E15058 0.007338 \$0.25 15065 Other Procurement Expense D15065*E15058 0.002772 \$0.05 15066 Research & Development Expense D15066*E15058 0.000042 \$0.00 15067 Other General and Admin Expense D15067*E15058 0.019104 \$0.65 15068 Common Costs Sum(E15061:E15067) \$1.63				
15065 Other Procurement Expense D15065*E15058 0.002772 \$0.00 15066 Research & Development Expense D15066*E15058 0.000042 \$0.00 15067 Other General and Admin Expense D15067*E15058 0.019104 \$0.65 15068 Common Costs Sum(E15061:E15067) \$1.63 15069				
15066 Research & Development Expense D15066*E15058 0.000042 \$0.00 15067 Other General and Admin Expense D15067*E15058 0.019104 \$0.65 15068 Common Costs Sum(E15061:E15067) \$1.63 15069				
15067 Other General and Admin Expense D15067*E15058 0.019104 \$0.65 15068 Common Costs Sum(E15061:E15067) \$1.63 15069				
15068 Common Costs Sum(E15061:E15067) \$1.63				
15069		****	0.019104	
		Sum(E15061:E15067)		\$1.63
15070 TELRIC + Common Costs E15058+E15068 \$35.79				
	15070 TELRIC + Common Costs	E15058+E15068		\$35.79

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Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	В	C	D	Ē	F	G B * (C Thru F)	Н	I H * (G/60)
CCSAC OPTIONS BASIC FIRST ACTIVATION PER ORDER DISCONNECT manual								
DISCONNECT								
-SERVICE DELIVERY COORDINATOR .8 probability represents this task occurs 80% of the time1 probability for GCOCMA, Credit Info occurs 10% of the time5 probability is % asr's for new trunk groups versus trunk group augments7 probability reflects 30% reduction to work time estimates ordered. LOGGING ASR LOAD WFM INPUT ASR INTO EXACT VALIDATE EXACT VERIFY TAXI SS7 FORM - NSMC FOC MANUAL FOC/DLR ORD DIST PORT TUF/IABS ORD COMPLETION /VALIDATION EXACT COMPLETION	1 2 8 10 5 7 1 5 1 3 2	1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000			0.700 0.700 0.700 0.700 0.700 0.700 0.700 0.700 0.700 0.700	0.70 1.40 5.60 7.00 3.50 4.90 0.70 3.50 0.70 2.10 1.40	\$40.03 \$40.03 \$40.03 \$40.03 \$40.03 \$40.03 \$40.03 \$40.03 \$40.03	\$0.47 \$0.95 \$3.77 \$4.65 \$2.36 \$3.27 \$0.47 \$2.47 \$1.46 \$0.95
Subtotal - SERVICE DELIVERY COORDINATOR						31.50		\$21.0
-TRANSLATIONS .7 probability reflects 30% reduction to work time estimates ordered. DEACTIVATE POINT CODE Subtotal - TRANSLATIONS	20	1.000			0.700	14.00 14.00	\$41.45	\$9.6
								•
Total For Service:						45.50		\$30.69

Qwest Advice No. 3376T Page 350 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G	Н	
						B * (C Thru F)		H * (G/60)

CCSAC OPTIONS BASIC FIRST ACTIVATION PER ORDER DISCONNECT manual (con't)

Calculation B C D15128*E15122 D15129*E15122 D15130*E15122 D15131*Sum(E15122:E15130) Sum(E15122:E15131)	0.040393 0.014960 0.000000 0.042595	\$1.2 ² \$0.46 \$0.00 \$1.38
D15128*E15122 D15129*E15122 D15130*E15122 D15131*Sum(E15122:E15130)	0.040393 0.014960 0.000000	\$1.2 ⁴ \$0.46 \$0.00 \$1.38
D15129*E15122 D15130*E15122 D15131*Sum(E15122:E15130)	0.014960 0.000000	\$0.46 \$0.00 \$1.38
D15129*E15122 D15130*E15122 D15131*Sum(E15122:E15130)	0.014960 0.000000	\$0.46 \$0.00 \$1.38
D15130*E15122 D15131*Sum(E15122:E15130)	0.000000	\$0.00 \$1.38
D15131*Sum(E15122:E15130)		\$1.3
	0.042595	
Sum(E15122:E15131)		\$3.0
E15122+E15132		\$33.7
		\$1.9
		\$0.4
		\$1.9
		\$1.3
		\$0.0
		\$0.3
		\$0.3
		\$2.3
	0.002634	\$0.0
Sum(E15137:E15145)		\$8.8
E15137+E15146		\$42.5
D15151*E15148	0.008052	\$0.3
D15152*E15148	0.000682	\$0.0
D15153*E15148	0.009631	\$0.4
D15154*E15148	0.007338	\$0.3
D15155*E15148	0.002772	\$0.1
D15156*E15148	0.000042	\$0.0
D15157*E15148	0.019104	\$0.8
Sum(E15151:E15157)		\$2.0
	D15137*E15134 D15138*E15134 D15139*E15134 D15140*E15134 D15141*E15134 D15142*E15134 D15144*E15134 D15144*E15134 D15145*E15134 Sum(E15137:E15145) E15137+E15146 D15151*E15148 D15153*E15148 D15153*E15148 D15155*E15148 D15155*E15148 D15155*E15148 D15155*E15148 D15155*E15148	D15137*E15134

Qwest Advice No. 3376T Page 351 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A Study Year: 2001

Analyst: Deffley/Eoriatti

Product Group: Interconnection

Work Item	nime Minutes	Prob #1	Prob #2	Prob #3	Prob #4	(Minutes)	Labor /Hour	Cost
A	В	С	D	E	F	G B * (C Thru F)	Н	I H * (G/60)
CCSAC OPTIONS BASIC EACH ADDL ACTIVATION PER ORDER INSTALL								
ADD								
-TRANSLATIONS .7 probability reflects 30% reduction to work time estimates ordered. ACTIVATE POINT CODE	5	1.000			0.700	3.50	\$41.45	\$2.42
Subtotal - TRANSLATIONS						3.50		\$2.42
Total For Service:						3.50		\$2.42

Qwest Advice No. 3376T Page 352 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G	Н	
						B * (C Thru F)		H * (G/60)

CCSAC OPTIONS BASIC EACH ADDL ACTIVATION PER ORDER INSTALL (con't)

15212 Direct Cost			\$2.42
15213			
15214	Cost	Cost	
15215	Calculation	Factor	Cost
15216	ВС	D	E
15217 Directly Assigned			
15218 Product Management Expense	D15218*E15212	0.040393	\$0.10
15219 Sales Expense	D15219*E15212	0.014960	\$0.04
15220 Product Advertising Expense	D15220*E15212	0.000000	\$0.00
15221 Business Fees (Other Operating Taxes)	D15221*Sum(E15212:E15220)	0.042595	<u>\$0.11</u>
15222 Directly Assigned Costs	Sum(E15212:E15221)		\$0.24
15223			
15224 Total Direct Costs	E15212+E15222		\$2.66
15225			
15226 Directly Attributed			_
15227 Network Operations	D15227*E15224	0.056129	\$0.15
15228 Network Support Assets	D15228*E15224	0.014074	\$0.04
15229 General Support Assets	D15229*E15224	0.057904	\$0.15
15230 General Purpose Computers	D15230*E15224	0.040926	\$0.11
15231 Uncollectible	D15231*E15224	0.001136	\$0.00
15232 Accounting & Finance Expense	D15232*E15224	0.010471	\$0.03
15233 Human Resources Expense	D15233*E15224	0.009808	\$0.03
15234 Information Management Expense	D15234*E15224	0.068149	\$0.18
15235 Intangibles	D15235*E15224	0.002634	\$0.01
15236 Directly Attributed Costs	Sum(E15227:E15235)		\$0.69
15237			00.00
15238 TELRIC	E15227+E15236		\$3.36
15239			
15240 Common			
15241 Executive Expense	D15241*E15238	0.008052	\$0.03
15242 Planning Expense	D15242*E15238	0.000682	\$0.00
15243 External Relations Expense	D15243*E15238	0.009631	\$0.03
15244 Legal Expense	D15244*E15238	0.007338	\$0.02
15245 Other Procurement Expense	D15245*E15238	0.002772	\$0.01
15246 Research & Development Expense	D15246*E15238	0.000042	\$0.00
15247 Other General and Admin Expense	D15247*E15238	0.019104	\$0.06
15248 Common Costs	Sum(E15241:E15247)		\$0.16
15249	F4F020 - F4F040		Φ0. Γ 0.
15250 TELRIC + Common Costs	E15238+E15248		\$3.52

Qwest Advice No. 3376T Page 353 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A Study Year: 2001

Analyst: Deffley/Eoriatti

Product Group: Interconnection

Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
А	В	С	D	Ē	F	G B * (C Thru F)	Н	H * (G/60)
CCSAC OPTIONS BASIC EACH ADDL ACTIVATION PER ORDER DISCONNECT								
DISCONNECT								
-TRANSLATIONS .7 probability reflects 30% reduction to work time estimates ordered. DEACTIVATE POINT CODE	5	1.000)		0.700	3.50	\$41.45	\$2.42
Subtotal - TRANSLATIONS						3.50		\$2.42
Total For Service:						3.50		\$2.42

Qwest Advice No. 3376T Page 354 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G	Н	
						B * (C Thru F)		H * (G/60)

CCSAC OPTIONS BASIC EACH ADDL ACTIVATION PER ORDER DISCONNECT (con't)

15302 Direct Cost			\$2.42
15303	<u>.</u>		
15304	Cost	Cost	
15305	Calculation	Factor	Cost
15306	ВС	D	E
15307 Directly Assigned			
15308 Product Management Expense	D15308*E15302	0.040393	\$0.10
15309 Sales Expense	D15309*E15302	0.014960	\$0.04
15310 Product Advertising Expense	D15310*E15302	0.000000	\$0.00
15311 Business Fees (Other Operating Taxes)	D15311*Sum(E15302:E15310)	0.042595	\$0.11
15312 Directly Assigned Costs	Sum(E15302:E15311)		\$0.24
15313			
15314 Total Direct Costs	E15302+E15312		\$2.66
15315			
15316 Directly Attributed			
15317 Network Operations	D15317*E15314	0.056129	\$0.15
15318 Network Support Assets	D15318*E15314	0.014074	\$0.04
15319 General Support Assets	D15319*E15314	0.057904	\$0.15
15320 General Purpose Computers	D15320*E15314	0.040926	\$0.11
15321 Uncollectible	D15321*E15314	0.001136	\$0.00
15322 Accounting & Finance Expense	D15322*E15314	0.010471	\$0.03
15323 Human Resources Expense	D15323*E15314	0.009808	\$0.03
15324 Information Management Expense	D15324*E15314	0.068149	\$0.18
15325 Intangibles	D15325*E15314	0.002634	\$0.01
15326 Directly Attributed Costs	Sum(E15317:E15325)		\$0.69
15327			
15328 TELRIC	E15317+E15326		\$3.36
15329			
15330 Common			
15331 Executive Expense	D15331*E15328	0.008052	\$0.03
15332 Planning Expense	D15332*E15328	0.000682	\$0.00
15333 External Relations Expense	D15333*E15328	0.009631	\$0.03
15334 Legal Expense	D15334*E15328	0.007338	\$0.02
15335 Other Procurement Expense	D15335*E15328	0.002772	\$0.01
15336 Research & Development Expense	D15336*E15328	0.000042	\$0.00
15337 Other General and Admin Expense	D15337*E15328	0.019104	\$0.06
15338 Common Costs	Sum(E15331:E15337)		\$0.16
15339		•	
15340 TELRIC + Common Costs	E15328+E15338		\$3.52

Qwest Advice No. 3376T Page 355 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	В	C	D	E	F	G B * (C Thru F)	Н	I H * (G/60)
CCSAC OPTIONS DATABASE FIRST ACTIVATION PER ORDER INSTALL mechanzied								
ADD								
-SERVICE DELIVERY COORDINATOR								
.8 probability represents this task occurs 80% of the time.								
.1 probability for GCOCMA, Credit Info occurs 10% of the time.								
.5 probability is % asr's for new trunk groups versus trunk group augments.								
.7 probability reflects 30% reduction to work time estimates ordered. LOGGING ASR	1	1.000			0.700	0.70	\$40.03	\$0.4
LOAD WFM	2	1.000			0.700	1.40	\$40.03	\$0.4 \$0.9
VALIDATE EXACT	10	1.000			0.700	7.00	\$40.03	\$4.6
VERIFY LOA	1	0.800			0.700	0.56	\$40.03	\$0.3
VERIFY TAXI	5	1.000			0.700	3.50	\$40.03	\$2.3
SS7 FORM - NSMC	7	1.000			0.700	4.90	\$40.03	\$3.2
INTRA-CO CALLS	5	1.000			0.700	3.50	\$40.03	\$2.3
FOC	1	1.000			0.700	0.70	\$40.03	\$0.4
ORD DIST PORT TUF/IABS	1	1.000			0.700	0.70	\$40.03	\$0.4
ORD DIST PORT VALIDATION	4	1.000			0.700	2.80	\$40.03	\$1.8
ORD DIST NRC	3	1.000			0.700	2.10	\$40.03	\$1.4
ORD COMPLETION /VALIDATION	3	1.000			0.700	2.10	\$40.03	\$1.4
EXACT COMPLETION	2	1.000			0.700	1.40	\$40.03	\$0.9
Subtotal - SERVICE DELIVERY COORDINATOR						31.36		\$20.9
-TRANSLATIONS								
.7 probability reflects 30% reduction to work time estimates ordered.								
ACTIVATE POINT CODE LSTP	20	1.000			0.700	14.00	\$41.45	\$9.6
ACTIVATE POINT CODE RSTP	10	1.000			0.700	7.00	\$41.45	\$4.8
Subtotal - TRANSLATIONS						21.00		\$14.5
Total For Service:						52.36		\$35.4

Qwest Advice No. 3376T Page 356 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	
						B * (C Thru F)		H * (G/60)

CCSAC OPTIONS DATABASE FIRST ACTIVATION PER ORDER INSTALL mechanzied (con't)

15403 15404 Total Direct Costs E15392+E15402 \$38.98 15405	15392 Direct Cost			\$35.43
15395 15396 15396 15396 15396 15397 15397 15397 15398 15398 15398 15398 15398 15398 15399 15398 15399 15398 15399 15398 15399 15399 15399 15392 1539	15393			
15396	15394			
15393 Product Management Expense D15398*E15392 0.040393 5.435398*E15399 15399 15392 0.040393 5.435398*E15399 0.000000 0.00000 0.00000 0.00000 0.000000 0.00000000	15395	Calculation	Factor	Cost
15398 Product Management Expense D15398*E15392 0.040333 \$1.43 15399 Sales Expense D15309*E15392 0.014960 \$0.53 15400 Product Advertising Expense D15400*E15392 0.00000 \$0.00 15401 Business Fees (Other Operating Taxes) D15401*Sum(E15392:E15400) 0.042595 \$1.59 15402 Directly Assigned Costs Sum(E15392:E15401) \$3.55 15403 Sum(E15392*E15401) \$3.55 15404 Total Direct Costs E15392*E15402 \$38.98 15405 Directly Attributed \$1.5407 E15404 0.056129 \$2.19 15408 Network Operations D15407*E15404 0.056129 \$2.19 15409 Reneral Support Assets D15409*E15404 0.05740 \$2.25 15410 General Purpose Computers D15409*E15404 0.05740 \$2.25 15410 General Purpose Computers D15410*E15404 0.04926 \$1.60 15411 Uncollectible D15410*E15404 0.04926 \$1.60 15411 Uncollectible D15410*E15404 0.04926 \$1.60 15411 Hunain Resources Expense D15410*E15404 0.001736 \$0.04 15413 Human Resources Expense D15410*E15404 0.001737 \$0.04 15413 Human Resources Expense D15413*E15404 0.008149 \$2.66 15415 Intangibles D15412*E15404 0.00802 \$0.10 15418 Directly Attributed Costs Sum(E15407:E15415 \$0.000802 \$0.00 15418 TERIC E15407*E15416 0.000802 \$0.00 15421 Executive Expense D15422*E15418 0.000802 \$0.00 15422 Elanning Expense D15422*E15418 0.000802 \$0.00 15422 Elanning Expense D15422*E15418 0.000772 \$0.14 15423 External Relations Expense D15422*E15418 0.000772 \$0.14 15426 Research & Dvelopiement Expense D15422*E15418 0.000773 \$0.04 15426 Research & Dvelopiement Expense D15422*E15418 0.000773 \$0.04 15426 Research & Dvelopiement Expense D15422*E15418 0.000773 \$0.04 15426 Research & Dvelopiement Expense D15422*E15418 0.000772 \$0.14 15426 Research & Dvelopiement Expense D15422*E15418 0.00	15396	ВС	D	Е
15399 Sales Expense D15309*E15392 0.014960 \$0.53 \$1.5400*Product Advertising Expense D15400*E15392 0.000000 \$0.00 \$0	15397 Directly Assigned			
15400 Product Advertising Expense D15400'E15392 0.00000 \$0.0	15398 Product Management Expense	D15398*E15392	0.040393	\$1.43
15401 Business Fees (Other Operating Taxes)	15399 Sales Expense	D15399*E15392	0.014960	\$0.53
15402 Directly Assigned Costs Sum(E15392:E15401) \$3.55 15404 Total Direct Costs E15392+E15402 \$38.88 15405 Sum(E15407-E15404 0.056129 \$2.19 15407 Network Operations D15407*E15404 0.014077 \$0.55 15408 Network Support Assets D15408*E15404 0.014077 \$0.55 15409 General Support Assets D15408*E15404 0.040926 \$1.60 15410 General Purpose Computers D15410*E15404 0.040926 \$1.60 15411 Uncollectible D15411*E15404 0.01137 \$0.05 15412 Accounting & Finance Expense D15412*E15404 0.001136 \$0.04 15413 Human Resources Expense D15413*E15404 0.008808 \$0.38 15414 Information Management Expense D15413*E15404 0.068149 \$2.66 15415 Intangibles D15415*E15404 0.008808 \$0.38 15416 Directly Attributed Costs Sum(E15407:E15415) \$10.18 15417 T5417 T5419 T5420 Common T5420*E15418 0.008052 \$0.40 15422 Executive Expense D15422*E15418 0.00862 \$0.00 15423 External Relations Expense D15422*E15418 0.009631 \$0.03 15424 Legal Expense D15422*E15418 0.009631 \$0.03 15426 Research & Development Expense D15424*E15418 0.009631 \$0.04 15426 Research & Development Expense D15425*E15418 0.007338 \$0.36 15426 Common Costs		D15400*E15392	0.000000	\$0.00
15402 Directly Assigned Costs Sum(E15392:E15401) \$3.55 15404 Total Direct Costs E15392+E15402 \$38.88 15405 Sum(E15407-E15404 0.056129 \$2.19 15407 Network Operations D15407*E15404 0.014077 \$0.55 15408 Network Support Assets D15408*E15404 0.014077 \$0.55 15409 General Support Assets D15408*E15404 0.040926 \$1.60 15410 General Purpose Computers D15410*E15404 0.040926 \$1.60 15411 Uncollectible D15411*E15404 0.01137 \$0.05 15412 Accounting & Finance Expense D15412*E15404 0.001136 \$0.04 15413 Human Resources Expense D15413*E15404 0.008808 \$0.38 15414 Information Management Expense D15413*E15404 0.068149 \$2.66 15415 Intangibles D15415*E15404 0.008808 \$0.38 15416 Directly Attributed Costs Sum(E15407:E15415) \$10.18 15417 T5417 T5419 T5420 Common T5420*E15418 0.008052 \$0.40 15422 Executive Expense D15422*E15418 0.00862 \$0.00 15423 External Relations Expense D15422*E15418 0.009631 \$0.03 15424 Legal Expense D15422*E15418 0.009631 \$0.03 15426 Research & Development Expense D15424*E15418 0.009631 \$0.04 15426 Research & Development Expense D15425*E15418 0.007338 \$0.36 15426 Common Costs	15401 Business Fees (Other Operating Taxes)	D15401*Sum(E15392:E15400)	0.042595	\$1.59
15404 Total Direct Costs		Sum(E15392:E15401)		\$3.55
15405	15403			
15406 Directly Attributed D15407*E15404 0.056129 \$2.19 \$2.10 \$1.5407 Network Operations D15408*E15404 0.014074 \$0.55 \$1.5409 General Support Assets D15408*E15404 0.057904 \$2.26 \$1.5410 General Purpose Computers D15410*E15404 0.040926 \$1.60 \$1.5411 Uncollectible D15411*E15404 0.014074 \$0.057904 \$2.26 \$1.5410 General Purpose Computers D15411*E15404 0.0040926 \$1.60 \$1.5411 Uncollectible D15411*E15404 0.01411 \$0.41 \$0.41 \$1.5413 Human Resources Expense D15413*E15404 0.009808 \$0.38 \$0.38 \$0.34 \$1.5413 Human Resources Expense D15413*E15404 0.009808 \$0.38 \$0.34 \$1.5414 Information Management Expense D15413*E15404 0.009808 \$0.38 \$0.34 \$0.10 \$1.5415 Intangibles D15413*E15404 0.002634 \$0.10 \$1.5415 Intangibles D15413*E15404 0.002634 \$0.10 \$1.5415 Intangibles D15413*E15404 0.002634 \$0.10 \$1.5415 Intangibles D15413*E15405 \$0.002634 \$0.10 \$1.5415 Intangibles D15413*E15405 \$0.002634 \$0.10 \$1.5415 Intangibles D15413*E15405 \$0.002634 \$0.10 \$1.5415 Intangibles D15413*E15405 \$0.000635 \$0.40 \$0.000635 \$0.40 \$0.0000635 \$0.40 \$0.000000000000000000000000000000000		E15392+E15402		\$38.98
15407 Network Operations				
15408 Network Support Assets				
15409 General Support Assets				
15410 General Purpose Computers D15410*E15404 0.040926 \$1.60 15411 Uncollectible D15411*E15404 0.001136 \$0.04 15412 Accounting & Finance Expense D15412*E15404 0.010471 \$0.41 15413 Human Resources Expense D15413*E15404 0.009808 \$0.38 15414 Information Management Expense D15415*E15404 0.068149 \$2.66 15415 Intangibles D15415*E15404 0.002634 \$0.10 15416 Directly Attributed Costs Sum(E15407:E15415) \$10.18 15417 Sum(E15407:E15415) \$10.18 15418 TELRIC E15407+E15416 \$49.17 15419 Sum(E15407:E15416) \$49.17 15419 State Common Sum(E15407:E15418 0.008052 \$0.40 15421 Executive Expense D15421*E15418 0.008052 \$0.40 15422 Planning Expense D15422*E15418 0.009681 \$0.47 15423 External Relations Expense D15423*E15418 0.009681 \$0.47 15425 Other Procurement Expense D15424*E15418 0.002772 \$0.14 15426 Research & Development Expense D15426*E15418 0.00042		D15408*E15404	0.014074	
15411 Uncollectible D15411*E15404 0.001136 \$0.04 15412 Accounting & Finance Expense D15412*E15404 0.010471 \$0.41 15413 Human Resources Expense D15413*E15404 0.008018 \$0.38 15414 Information Management Expense D15414*E15404 0.068149 \$2.66 15415 Intangibles D15415*E15404 0.002634 \$0.10 15416 Directly Attributed Costs Sum(E15407:E15415) \$10.18 15417 **** ***** \$49.17 15418 TELRIC ***** ***** \$49.17 15419 **** ***** ***** \$49.17 15420 Common ***** ***** \$49.17 15421 Executive Expense D15421*E15418 0.008052 \$0.40 15422 Planning Expense D15422*E15418 0.000682 \$0.03 15423 External Relations Expense D15423*E15418 0.007338 \$0.36 15425 Other Procurement Expense D15424*E15418 0.007338 \$0.36 15426 Research & Development Expense D15425*E15418 0.00042 \$0.00 15427 Other General and Admin Expense D15426*E15418 0.00042 </td <td>15409 General Support Assets</td> <td>D15409*E15404</td> <td>0.057904</td> <td>\$2.26</td>	15409 General Support Assets	D15409*E15404	0.057904	\$2.26
15412 Accounting & Finance Expense D15412*E15404 0.010471 \$0.41 15413 Human Resources Expense D15413*E15404 0.008808 \$0.38 15414 Information Management Expense D15414*E15404 0.068149 \$2.66 15415 E15405 0.002634 \$0.10 15415 E15405 E15407*E15405 E15407*E15405 E15407*E15415 E15407*E15407	15410 General Purpose Computers	D15410*E15404	0.040926	\$1.60
15413 Human Resources Expense D15413*E15404 0.009808 \$0.38 15414 Information Management Expense D15414*E15404 0.068149 \$2.66 15415 Intangibles D15415*E15404 0.002634 \$0.10 15416 Directly Attributed Costs Sum(E15407:E15415) \$10.18 15417 ************************************	15411 Uncollectible	D15411*E15404	0.001136	\$0.04
15414 Information Management Expense D15414*E15404 0.068149 \$2.66 15415 Intangibles D15415*E15404 0.002634 \$0.10 15416 Directly Attributed Costs Sum(E15407:E15415) \$10.18 15417 ***********************************	15412 Accounting & Finance Expense	D15412*E15404	0.010471	\$0.41
15415 Intangibles D15415*E15404 0.002634 \$0.10 15416 Directly Attributed Costs Sum(E15407:E15415) \$10.18 15417	15413 Human Resources Expense	D15413*E15404	0.009808	\$0.38
15416 Directly Attributed Costs Sum(E15407:E15415) \$10.18 15417 E15407+E15416 \$49.17 15418 TELRIC E15407+E15416 \$49.17 15420 Common T5421 Executive Expense D15421*E15418 0.008052 \$0.40 15421 Executive Expense D15422*E15418 0.000682 \$0.03 15422 Planning Expense D15423*E15418 0.009631 \$0.47 15423 External Relations Expense D15424*E15418 0.007338 \$0.36 15425 Other Procurement Expense D15425*E15418 0.002772 \$0.14 15426 Research & Development Expense D15426*E15418 0.000042 \$0.00 15427 Other General and Admin Expense D15427*E15418 0.019104 \$0.94 15428 Common Costs Sum(E15421:E15427) \$2.34 15429	15414 Information Management Expense	D15414*E15404	0.068149	\$2.66
15417 15418 TELRIC E15407+E15416 \$49.17 15419 15420 Common 15421 Executive Expense D15421*E15418 0.008052 \$0.40 15422 Planning Expense D15422*E15418 0.000682 \$0.03 15423 External Relations Expense D15423*E15418 0.009631 \$0.47 15424 Legal Expense D15424*E15418 0.007338 \$0.36 15425 Other Procurement Expense D15426*E15418 0.002772 \$0.14 15426 Research & Development Expense D15426*E15418 0.000042 \$0.00 15427 Other General and Admin Expense D15427*E15418 0.019104 \$0.94 15428 Common Costs Sum(E15421:E15427) \$2.34	15415 Intangibles	D15415*E15404	0.002634	\$0.10
15418 TELRIC E15407+E15416 \$49.17 15419 15420 Common \$49.17 15421 Executive Expense D15421*E15418 0.008052 \$0.40 15422 Planning Expense D15422*E15418 0.000682 \$0.03 15423 External Relations Expense D15423*E15418 0.009631 \$0.47 15424 Legal Expense D15424*E15418 0.007338 \$0.36 15425 Other Procurement Expense D15425*E15418 0.002772 \$0.14 15426 Research & Development Expense D15426*E15418 0.000042 \$0.00 15427 Other General and Admin Expense D15427*E15418 0.019104 \$0.94 15429 Common Costs Sum(E15421:E15427) \$2.34		Sum(E15407:E15415)		\$10.18
15419 15420 Common 15421 Executive Expense D15421*E15418 0.008052 \$0.40 15422 Planning Expense D15422*E15418 0.000682 \$0.03 15423 External Relations Expense D15423*E15418 0.009631 \$0.47 15424 Legal Expense D15424*E15418 0.007338 \$0.36 15425 Other Procurement Expense D15425*E15418 0.002772 \$0.14 15426 Research & Development Expense D15426*E15418 0.000042 \$0.00 15427 Other General and Admin Expense D15427*E15418 0.019104 \$0.94 15428 Common Costs Sum(E15421:E15427) \$2.34				
15420 Common D15421*E15418 0.008052 \$0.40 15421 Executive Expense D15422*E15418 0.000682 \$0.03 15422 Planning Expense D15422*E15418 0.000682 \$0.03 15423 External Relations Expense D15423*E15418 0.009631 \$0.47 15424 Legal Expense D15424*E15418 0.007338 \$0.36 15425 Other Procurement Expense D15425*E15418 0.002772 \$0.14 15426 Research & Development Expense D15426*E15418 0.000042 \$0.00 15427 Other General and Admin Expense D15427*E15418 0.019104 \$0.94 15429 Common Costs Sum(E15421:E15427) \$2.34		E15407+E15416		\$49.17
15421 Executive Expense D15421*E15418 0.008052 \$0.40 15422 Planning Expense D15422*E15418 0.000682 \$0.03 15423 External Relations Expense D15423*E15418 0.009631 \$0.47 15424 Legal Expense D15424*E15418 0.007338 \$0.36 15425 Other Procurement Expense D15425*E15418 0.002772 \$0.14 15426 Research & Development Expense D15426*E15418 0.000042 \$0.00 15427 Other General and Admin Expense D15427*E15418 0.019104 \$0.94 15428 Common Costs Sum(E15421:E15427) \$2.34 15429				
15422 Planning Expense D15422*E15418 0.000682 \$0.03 15423 External Relations Expense D15423*E15418 0.009631 \$0.47 15424 Legal Expense D15424*E15418 0.007338 \$0.36 15425 Other Procurement Expense D15425*E15418 0.002772 \$0.14 15426 Research & Development Expense D15426*E15418 0.000042 \$0.00 15427 Other General and Admin Expense D15427*E15418 0.019104 \$0.94 15428 Common Costs Sum(E15421:E15427) \$2.34				
15423 External Relations Expense D15423*E15418 0.009631 \$0.47 15424 Legal Expense D15424*E15418 0.007338 \$0.36 15425 Other Procurement Expense D15425*E15418 0.002772 \$0.14 15426 Research & Development Expense D15426*E15418 0.000042 \$0.00 15427 Other General and Admin Expense D15427*E15418 0.019104 \$0.94 15428 Common Costs Sum(E15421:E15427) \$2.34				
15424 Legal Expense D15424*E15418 0.007338 \$0.36 15425 Other Procurement Expense D15425*E15418 0.002772 \$0.14 15426 Research & Development Expense D15426*E15418 0.000042 \$0.00 15427 Other General and Admin Expense D15427*E15418 0.019104 \$0.94 15428 Common Costs Sum(E15421:E15427) \$2.34				
15425 Other Procurement Expense D15425*E15418 0.002772 \$0.14 15426 Research & Development Expense D15426*E15418 0.000042 \$0.00 15427 Other General and Admin Expense D15427*E15418 0.019104 \$0.94 15428 Common Costs Sum(E15421:E15427) \$2.34 15429				
15426 Research & Development Expense D15426*E15418 0.000042 \$0.00 15427 Other General and Admin Expense D15427*E15418 0.019104 \$0.94 15428 Common Costs Sum(E15421:E15427) \$2.34 15429			0.007338	
15427 Other General and Admin Expense D15427*E15418 0.019104 \$0.94 15428 Common Costs Sum(E15421:E15427) \$2.34 15429				
15428 Common Costs Sum(E15421:E15427) \$2.34 15429				
15429			0.019104	
		Sum(E15421:E15427)		\$2.34
15430 TELRIC + Common Costs E15418+E15428 \$51.51			<u> </u>	
	15430 TELRIC + Common Costs	E15418+E15428		\$51.51

Time

Prob

Prob

Prob

Prob

Applied Time

Qwest Advice No. 3376T Page 357 Of 743 ENRC Version: 2.14 Date: 01/17/03

Labor

Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G B * (C Thru F)	Н	I H * (G/60)
						(/		()
CCSAC OPTIONS DATABASE FIRST ACTIVATION PER ORDER INSTALL manual								
ADD*								
SERVICE DELIVERY COORDINATOR								
.8 probability represents this task occurs 80% of the time.								
.1 probability for GCOCMA, Credit Info occurs 10% of the time.								
.5 probability is % asr's for new trunk groups versus trunk group augments.								
.7 probability reflects 30% reduction to work time estimates ordered. LOGGING ASR	4	1.000			0.700	0.70	\$40.03	\$0.4
LOAD WFM	2	1.000			0.700	1.40	\$40.03 \$40.03	\$0.2 \$0.9
INPUT ASR INTO EXACT	8	1.000			0.700	5.60	\$40.03 \$40.03	\$0.8 \$3.7
VALIDATE EXACT	10	1.000			0.700	7.00	\$40.03	\$4.6
VERIFY LOA	1	0.800			0.700	0.56	\$40.03	\$0.3
VERIFY TAXI	5	1.000			0.700	3.50	\$40.03	\$2.3
SS7 FORM - NSMC	7	1.000			0.700	4.90	\$40.03	\$3.2
INTRA-CO CALLS	5	1.000			0.700	3.50	\$40.03	\$2.3
FOC	1	1.000			0.700	0.70	\$40.03	\$0.4
MANUAL FOC/DLR	5	1.000			0.700	3.50	\$40.03	\$2.3
ORD DIST PORT TUF/IABS	1	1.000			0.700	0.70	\$40.03	\$0.4
ORD DIST PORT VALIDATION	4	1.000			0.700	2.80	\$40.03	\$1.8
ORD DIST NRC	3	1.000			0.700	2.10	\$40.03	\$1.4
ORD COMPLETION /VALIDATION	3	1.000			0.700	2.10	\$40.03	\$1.4
EXACT COMPLETION	2	1.000			0.700	1.40	\$40.03	\$0.9
Subtotal - SERVICE DELIVERY COORDINATOR						40.46		\$26.9
TRANSLATIONS								
.7 probability reflects 30% reduction to work time estimates ordered.								
ACTIVATE POINT CODE LSTP	20	1.000			0.700	14.00	\$41.45	\$9.6
ACTIVATE POINT CODE RSTP	10	1.000			0.700	7.00	\$41.45	\$4.8
Subtotal - TRANSLATIONS						21.00		\$14.5
Total For Service:						61.46		\$41.5
Total For Gol vice.						01.40		Ψ+1.J

Qwest Advice No. 3376T Page 358 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G	Н	
						B * (C Thru F)		H * (G/60)

CCSAC OPTIONS DATABASE FIRST ACTIVATION PER ORDER INSTALL manual (con't)

15482 Direct Cost			\$41.50
15483			
15484	Cost	Cost	
15485	Calculation	Factor	Cost
15486	ВС	D	E
15487 Directly Assigned			
15488 Product Management Expense	D15488*E15482	0.040393	\$1.68
15489 Sales Expense	D15489*E15482	0.014960	\$0.62
15490 Product Advertising Expense	D15490*E15482	0.000000	\$0.00
15491 Business Fees (Other Operating Taxes)	D15491*Sum(E15482:E15490)	0.042595	<u>\$1.87</u>
15492 Directly Assigned Costs	Sum(E15482:E15491)		\$4.16
15493			
15494 Total Direct Costs	E15482+E15492		\$45.66
15495			
15496 Directly Attributed			
15497 Network Operations	D15497*E15494	0.056129	\$2.56
15498 Network Support Assets	D15498*E15494	0.014074	\$0.64
15499 General Support Assets	D15499*E15494	0.057904	\$2.64
15500 General Purpose Computers	D15500*E15494	0.040926	\$1.87
15501 Uncollectible	D15501*E15494	0.001136	\$0.05
15502 Accounting & Finance Expense	D15502*E15494	0.010471	\$0.48
15503 Human Resources Expense	D15503*E15494	0.009808	\$0.45
15504 Information Management Expense	D15504*E15494	0.068149	\$3.11
15505 Intangibles	D15505*E15494	0.002634	\$0.12
15506 Directly Attributed Costs	Sum(E15497:E15505)		\$11.93
15507 15508 TELRIC	E15497+E15506		\$57.59
15509	E10437 TE13300		ψ01.00
15510 Common			
15511 Executive Expense	D15511*E15508	0.008052	\$0.46
15512 Planning Expense	D15512*E15508	0.000682	\$0.04
15513 External Relations Expense	D15513*E15508	0.009631	\$0.55
15514 Legal Expense	D15514*E15508	0.007338	\$0.42
15515 Other Procurement Expense	D15515*E15508	0.002772	\$0.16
15516 Research & Development Expense	D15516*E15508	0.000042	\$0.00
15517 Other General and Admin Expense	D15517*E15508	0.019104	\$1.10
15518 Common Costs	Sum(E15511:E15517)		\$2.74
15519			
15520 TELRIC + Common Costs	E15508+E15518		\$60.34

Qwest Advice No. 3376T Page 359 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	В	С	D	E	F	G B * (C Thru F)	Н	I H * (G/60)
CCSAC OPTIONS DATABASE FIRST ACTIVATION PER ORDER DISCONNECT mechanized								
DISCONNECT								
-SERVICE DELIVERY COORDINATOR .8 probability represents this task occurs 80% of the time1 probability for GCOCMA, Credit Info occurs 10% of the time5 probability is % asr's for new trunk groups versus trunk group augments7 probability reflects 30% reduction to work time estimates ordered. LOGGING ASR LOAD WFM VALIDATE EXACT VERIFY TAXI SS7 FORM - NSMC FOC ORD DIST PORT TUF/IABS ORD COMPLETION /VALIDATION EXACT COMPLETION	1 2 10 5 7 1 1 1 3 2	1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000			0.700 0.700 0.700 0.700 0.700 0.700 0.700 0.700	0.70 1.40 7.00 3.50 4.90 0.70 0.70 2.110	\$40.03 \$40.03 \$40.03 \$40.03 \$40.03 \$40.03 \$40.03 \$40.03	\$0.47 \$0.93 \$4.67 \$2.34 \$3.27 \$0.47 \$0.47 \$1.40 \$0.93
Subtotal - SERVICE DELIVERY COORDINATOR						22.40		\$14.94
-TRANSLATIONS .7 probability reflects 30% reduction to work time estimates ordered. DEACTIVATE POINT CD LSTP DEACTIVATE POINT CD RSTP	20 10	1.000 1.000			0.700 0.700	14.00 7.00	\$41.45 \$41.45	\$9.67 \$4.84
Subtotal - TRANSLATIONS						21.00		\$14.51
Total For Service:						43.40		\$29.45

Qwest Advice No. 3376T Page 360 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G	Н	
						B * (C Thru F)		H * (G/60)

CCSAC OPTIONS DATABASE FIRST ACTIVATION PER ORDER DISCONNECT mechanized (con't)

	Cost	
it ation	Factor	Cost
С	D	E
E15572	0.040393	\$1.1
E15572	0.014960	\$0.4
E15572	0.000000	\$0.0
Sum(E15572:E15580)		\$1.3
5572:E15581)	0.042393	\$2.9
372.213301)		Ψ2.0
E15582		\$32.4
		ψ0 2 .
E15584	0.056129	\$1.8
E15584	0.014074	\$0.4
E15584	0.057904	\$1.8
E15584	0.040926	\$1.3
E15584	0.001136	\$0.0
E15584	0.010471	\$0.3
E15584	0.009808	\$0.3
E15584	0.068149	\$2.2
E15584	0.002634	\$0.0
5587:E15595)		\$8.4
E15596		\$40.8
E15598	0.008052	\$0.3
E15598	0.000682	\$0.0
E15598	0.009631	\$0.3
E15598	0.007338	\$0.3
E15598	0.002772	\$0.1
E15598	0.000042	\$0.0
E15598	0.019104	\$0.7
5601:E15607)		\$1.9
E15598	607)	0.019104

Prob

Prob

Prob

Prob

Applied Time

Qwest Advice No. 3376T Page 361 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

***CCSAC OPTIONS DATABASE FIRST ACTIVATION PER ORDER DISCONNECT manual** **DISCONNECT** -**SERVICE DELIVERY COORDINATOR** -**8 probability represents this task occurs 80% of the time**1 probability to GOCOMA, Credit Info occurs 10% of the time**5 probability reflects 30% reduction to work time estimates ordered.** -**I probability reflects 30% reduction to work time estimates ordered.** -**I probability reflects 30% reduction to work time estimates ordered.** -**I probability reflects 30% reduction to work time estimates ordered.** -**I probability reflects 30% reduction to work time estimates ordered.** -**I probability reflects 30% reduction to work time estimates ordered.** -**I 1.000	Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
SERVICE DELIVERY COORDINATOR	A	В	С	D	E	F	_	Н	I H * (G/60)
SERVICE DELIVERY COORDINATOR Service Delivery Color of Service Delivery Coordinator Service Delivery Color of Service Delivery Color of Service Delivery Color of Service Service Delive									
SERVICE DELIVERY COORDINATOR	IONS DATABASE FIRST ACTIVATION PER ORDER DISCONNECT manual								
.8 probability represents this task occurs 80% of the time1 probability for GCOCMA, Credit Info occurs 10% of the time5 probability is % asr's for new trunk groups versus trunk group augments7 probability reflects 30% reduction to work time estimates ordered. LOGGING ASR LOAD WFM 2 1.000 0.700 0.700 1.40 \$40.03 INPUT ASR INTO EXACT 8 1.000 0.700 7.00 \$40.03 VALIDATE EXACT 10 1.000 0.700 7.00 \$40.03 VALIDATE EXACT 10 1.000 0.700 7.00 \$40.03 VERIFY TAXI 5 1.000 0.700 7.00 \$40.03 S57 FORM - NSMC 7 1.000 0.700 4.90 \$40.03 S57 FORM - NSMC 7 1.000 0.700	<u> </u>								
1 probability for GCOCMA, Credit Info occurs 10% of the time. 3 probability is % as *s for new trunk groups versus trunk group augments. 7 probability reflects 30% reduction to work time estimates ordered. 1	ELIVERY COORDINATOR								
1									
1 1.000 0.700 0.700 \$40.03									
LÖĞĞİNĞ ÁŠR LOAD WFM 2 1,000 0,700 1,40 \$40.03 LINDUT ASR INTO EXACT 8 1,000 0,700 5,60 \$40.03 VALIDATE EXACT 10 1,000 0,700 7,00 \$40.03 VALIDATE EXACT 10 1,000 0,700 7,00 \$40.03 VERIFY TAXI 5 1,000 0,700 0,700 3,50 \$40.03 SS7 FORM - NSMC 7 1,000 0,700 4,90 \$40.03 FOC 7 1,000 0,700 0,700 4,90 \$40.03 FOC 1 1,000 0,700 0,700 0,70 \$40.03 MANUAL FOC/DLR 5 1,000 0,700 0,700 3,50 \$40.03 ORD DIST PORT TUF/IABS 0 1 1,000 0,700 0,700 3,50 \$40.03 ORD COMPLETION /VALIDATION 3 1,000 0,700 0,700 2,10 \$40.03 EXACT COMPLETION /VALIDATION 2 1,000 0,700 1,40 \$40.03 EXACT COMPLETION S 2 1,000 0,700 1,40 \$40.03 EXANSLATIONS TRANSLATIONS TO STANSLATIONS 1 1,000 0,700 1,40 \$40.03 EXACT PORD ELIVERY COORDINATOR TRANSLATIONS 1 1,000 0,700 1,40 \$40.03 EXACT PORD ELIVERY COORDINATOR TRANSLATIONS 1 1,000 0,700 1,40 \$40.03 EXACT PORD ELIVERY COORDINATOR TO STANSLATIONS 1 1,000 0,700 1,40 \$40.03 EXACT PORD ELIVERY COORDINATOR TO STANSLATIONS 1 1,000 0,700 1,40 \$41.45									
LOAD WFM 2 1.000 0.700 1.40 \$40.03		1	1 000			0.700	0.70	¢40 03	\$0.4
INPUT ASR INTO EXACT 8 1.000 0.700 5.60 \$40.03 VALIDATE EXACT 10 1.000 0.700 7.00 \$40.03 VALIDATE EXACT 10 1.000 0.700 3.50 \$40.03 VERIFY TAXI 5 1.000 0.700 3.50 \$40.03 SS7 FORM · NSMC 7 1.000 0.700 4.90 \$40.03 FOC 1 1.000 0.700 0.700 0.700 3.50 \$40.03 FOC 1 1.000 0.700 0.700 3.50 \$40.03 ORD DIST PORT TUF/IABS 1 1.000 0.700 0.700 3.50 \$40.03 ORD DIST PORT TUF/IABS 1 1.000 0.700 0.700 3.50 \$40.03 ORD COMPLETION / VALIDATION 3 1.000 0.700 0.700 2.10 \$40.03 EXACT COMPLETION / VALIDATION 2 1.000 0.700 1.40 \$40.03 ORD COMPLETION / VALIDATION 2 1.000 0.700 1.40 \$40.03 ORD COMPLETION / VALIDATION 2 1.000 0.700 1.40 \$40.03 ORD COMPLETION / VALIDATION 2 1.000 0.700 1.40 \$40.03 ORD COMPLETION / VALIDATION 2 1.000 0.700 1.40 \$40.03 ORD COMPLETION / VALIDATION 2 1.000 0.700 1.40 \$40.03 ORD COMPLETION / VALIDATION 3 1.000 0.700 1.40 \$40.03 ORD COMPLETION / VALIDATION 3 1.000 0.700 1.40 \$40.03 ORD COMPLETION / VALIDATION 3 1.000 0.700 1.40 \$40.03 ORD COMPLETION / VALIDATION 3 1.000 0.700 1.40 \$40.03 ORD COMPLETION / VALIDATION 3 1.000 0.700 1.40 \$40.03 ORD COMPLETION / VALIDATION 3 1.000 0.700 0.700 1.40 \$40.03 ORD COMPLETION / VALIDATION 3 1.000 0.700 0		2							\$0.9
VERIFY TAXI 5 1.000 0.700 3.50 \$40.03 SS7 FORM - NSMC 7 1.000 0.700 4.90 \$40.03 FOC 1 1.000 0.700 0.70 \$40.03 MANUAL FOC/DLR 5 1.000 0.700 3.50 \$40.03 ORD DIST PORT TUF/IABS 1 1.000 0.700 0.70 \$40.03 ORD COMPLETION /VALIDATION 3 1.000 0.700 2.10 \$40.03 EXACT COMPLETION 2 1.000 0.700 1.40 \$40.03 **RANSLATIONS **T probability reflects 30% reduction to work time estimates ordered. DEACTIVATE POINT CD LSTP **DEACTIVATE POINT CD LSTP 20 1.000 0.700 14.00 \$41.45		8							\$3.
SS7 FORM - NSMC 7 1.000 0.700 4.90 \$40.03 FOC 1 1.000 0.700 0.700 3.50 \$40.03 MANUAL FOC/DLR 5 1.000 0.700 3.50 \$40.03 ORD DIST PORT TUF/IABS 1 1.000 0.700 0.700 0.700 ORD COMPLETION / VALIDATION 3 1.000 0.700 2.10 \$40.03 EXACT COMPLETION 2 1.000 0.700 1.40 \$40.03 SEXICLE DELIVERY COORDINATOR 31.50 TRANSLATIONS 3 3.000 3.50 \$40.03 ORD COMPLETION 2 3.000 0.700 3.50 \$40.03 ORD COMPLETION 3 1.000 0.700 1.40 \$40.03 ORD COMPLETION 2 1.000 0.700 1.40 \$40.03 ORD COMPLETION 3 1.000 0.700 1.40 \$40.03 ORD COMPLETION 2 1.000 0.700 1.40 \$41.45 ORD COMPLETION 3 1.000 0.700 1.40 4.003 ORD COMPLETION 3 1.000 0.700 1.40 4.003 ORD COMPLETION 3 1.000 0.700 0.700 ORD COMPLETION 3 0.700 0.700 ORD COM	DATE EXACT	10	1.000			0.700	7.00	\$40.03	\$4.6
FOC 1 1 1.000 0.700 0.70 \$40.03 MANUAL FOC/DLR 5 1.000 0.700 3.50 \$40.03 ORD DIST PORT TUF/IABS 1 1.000 0.700 0.700 \$40.03 ORD DIST PORT TUF/IABS 1 1.000 0.700 0.700 \$40.03 ORD COMPLETION /VALIDATION 3 1.000 0.700 2.10 \$40.03 EXACT COMPLETION 2 1.000 0.700 1.40 \$40.03 ORD COMPLETION S ### ANSLATIONS **T probability reflects 30% reduction to work time estimates ordered.** DEACTIVATE POINT CD LSTP 20 1.000 0.700 14.00 \$41.45	FY TAXI	5	1.000				3.50	\$40.03	\$2.3
MANUAL FOC/DLR MANUAL FOC/DLR ORD DIST PORT TUF/IABS ORD COMPLETION /VALIDATION EXACT COMPLETION MANUAL FOC/DLR ORD COMPLETION /VALIDATION ORD COMPLETION /VALIDATION ORD COMPLETION /VALIDATION ORD COMPLETION ORD COMPLETION /VALIDATION /VALIDATI		7							\$3.2
ORD DIST PORT TUF/IABS ORD COMPLETION /VALIDATION /		1							\$0.4
ORD COMPLETION /VALIDATION 3 1.000 0.700 2.10 \$40.03 EXACT COMPLETION 2 1.000 0.700 1.40 \$40.03 **RANSLATIONS **RANSLATIONS of the properties and the properties of th		5							\$2.3
EXACT COMPLETION 2 1.000 0.700 1.40 \$40.03 ***Libitotal - SERVICE DELIVERY COORDINATOR*** ***RANSLATIONS*** .7 probability reflects 30% reduction to work time estimates ordered. DEACTIVATE POINT CD LSTP 20 1.000 0.700 14.00 \$41.45		1							\$0.4
TRANSLATIONS .7 probability reflects 30% reduction to work time estimates ordered. DEACTIVATE POINT CD LSTP 20 1.000 31.50 31.50 31.50 31.50		3							\$1.4 \$0.9
TRANSLATIONS .7 probability reflects 30% reduction to work time estimates ordered. DEACTIVATE POINT CD LSTP 20 1.000 0.700 14.00 \$41.45								Ψ.σ.σσ	•
.7 probability reflects 30% reduction to work time estimates ordered. DEACTIVATE POINT CD LSTP 20 1.000 0.700 14.00 \$41.45	VICE DELIVERY COORDINATOR						31.50		\$21.0
DÉACTIVATÉ POINT CD LSTP 20 1.000 0.700 14.00 \$41.45									
			4 000			0.700	44.00	044.45	
		20 10	1.000 1.000			0.700	14.00 7.00	\$41.45 \$41.45	\$9.6 \$4.8
DEACTIVATE POINT CD RSTP 10 1.000 0.700 7.00 \$41.45	TIVATE POINT OD KOTP	10	1.000			0.700	7.00	Ф41.45	\$4.8
ubtotal - TRANSLATIONS 21.00	NSLATIONS						21.00		\$14.5
otal For Service: 52.50	ice:						52.50		\$35.5

Qwest Advice No. 3376T Page 362 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	[
						B * (C Thru F)		H * (G/60)

CCSAC OPTIONS DATABASE FIRST ACTIVATION PER ORDER DISCONNECT manual (con't)

15662 Direct Cost			\$35.52
15663			
15664	Cost	Cost	
15665	Calculation	Factor	Cost
15666	ВС	D	E
15667 Directly Assigned			•
15668 Product Management Expense	D15668*E15662	0.040393	\$1.43
15669 Sales Expense	D15669*E15662	0.014960	\$0.53
15670 Product Advertising Expense	D15670*E15662	0.000000	\$0.00
15671 Business Fees (Other Operating Taxes)	D15671*Sum(E15662:E15670)	0.042595	\$1.60
15672 Directly Assigned Costs	Sum(E15662:E15671)		\$3.56
15673			
15674 Total Direct Costs	E15662+E15672		\$39.09
15675			
15676 Directly Attributed			
15677 Network Operations	D15677*E15674	0.056129	\$2.19
15678 Network Support Assets	D15678*E15674	0.014074	\$0.55
15679 General Support Assets	D15679*E15674	0.057904	\$2.26
15680 General Purpose Computers	D15680*E15674	0.040926	\$1.60
15681 Uncollectible	D15681*E15674	0.001136	\$0.04
15682 Accounting & Finance Expense	D15682*E15674	0.010471	\$0.41
15683 Human Resources Expense	D15683*E15674	0.009808	\$0.38
15684 Information Management Expense	D15684*E15674	0.068149	\$2.66
15685 Intangibles	D15685*E15674	0.002634	\$0.10
15686 Directly Attributed Costs	Sum(E15677:E15685)		\$10.21
15687			
15688 TELRIC	E15677+E15686		\$49.30
15689			
15690 Common			
15691 Executive Expense	D15691*E15688	0.008052	\$0.40
15692 Planning Expense	D15692*E15688	0.000682	\$0.03
15693 External Relations Expense	D15693*E15688	0.009631	\$0.47
15694 Legal Expense	D15694*E15688	0.007338	\$0.36
15695 Other Procurement Expense	D15695*E15688	0.002772	\$0.14
15696 Research & Development Expense	D15696*E15688	0.000042	\$0.00
15697 Other General and Admin Expense	D15697*E15688	0.019104	\$0.94
15698 Common Costs	Sum(E15691:E15697)		\$2.35
15699			
15700 TELRIC + Common Costs	E15688+E15698		\$51.64

Qwest Advice No. 3376T Page 363 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A Study Year: 2001

Analyst: Deffley/Eoriatti
Product Group: Interconnection

State: Washington

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	В	С	D	E	F	G B * (C Thru F)	Н	I H * (G/60)
CCSAC OPTIONS DATABASE EA ADDL ACTIVATION PER ORDER INSTALL								
ADD								
-TRANSLATIONS .7 probability reflects 30% reduction to work time estimates ordered. ACTIVATE POINT CODE LSTP ACTIVATE POINT CODE RSTP	20 10	1.000 1.000			0.700 0.700	14.00 7.00	\$41.45 \$41.45	\$9.67 \$4.84
Subtotal - TRANSLATIONS						21.00		\$14.51
Total For Service:						21.00		\$14.51

Qwest Advice No. 3376T Page 364 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G	Н	
						B * (C Thru F)		H * (G/60)

CCSAC OPTIONS DATABASE EA ADDL ACTIVATION PER ORDER INSTALL (con't)

	Cost	Cost	
15755	Calculation	Factor	Cost
15756	ВС	D	Е
15757 Directly Assigned			
15758 Product Management Expense	D15758*E15752	0.040393	\$0.59
15759 Sales Expense	D15759*E15752	0.014960	\$0.22
15760 Product Advertising Expense	D15760*E15752	0.000000	\$0.00
15761 Business Fees (Other Operating Taxes)	D15761*Sum(E15752:E15760)	0.042595	\$0.6
15762 Directly Assigned Costs	Sum(E15752:E15761)		\$1.40
15763			
15764 Total Direct Costs	E15752+E15762		\$15.9
15765			
15766 Directly Attributed			
15767 Network Operations	D15767*E15764	0.056129	\$0.9
15768 Network Support Assets	D15768*E15764	0.014074	\$0.2
15769 General Support Assets	D15769*E15764	0.057904	\$0.9
15770 General Purpose Computers	D15770*E15764	0.040926	\$0.6
15771 Uncollectible	D15771*E15764	0.001136	\$0.0
15772 Accounting & Finance Expense	D15772*E15764	0.010471	\$0.1
15773 Human Resources Expense	D15773*E15764	0.009808	\$0.1
15774 Information Management Expense	D15774*E15764	0.068149	\$1.0
15775 Intangibles	D15775*E15764	0.002634	\$0.0
15776 Directly Attributed Costs	Sum(E15767:E15775)		\$4.1
15777 TELRIC	E15767+E15776		\$20.1
15779			
15780 Common			
15781 Executive Expense	D15781*E15778	0.008052	\$0.1
15782 Planning Expense	D15782*E15778	0.000682	\$0.0
15783 External Relations Expense	D15783*E15778	0.009631	\$0.1
15784 Legal Expense	D15784*E15778	0.007338	\$0.1
15785 Other Procurement Expense	D15785*E15778	0.002772	\$0.0
15786 Research & Development Expense	D15786*E15778	0.000042	\$0.0
15787 Other General and Admin Expense	D15787*E15778	0.019104	\$0.3
15788 Common Costs	Sum(E15781:E15787)		\$0.9

Qwest Advice No. 3376T Page 365 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A Study Year: 2001

Analyst: Deffley/Eoriatti
Product Group: Interconnection

State: Washington

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	/Hour	Cost
A	В	C	U	E	r	B * (C Thru F)	п	H * (G/60)
CCSAC OPTIONS DATABASE EA ADDL ACTIVATION PER ORDER DISCONNECT								
DISCONNECT								
-TRANSLATIONS .7 probability reflects 30% reduction to work time estimates ordered. DEACTIVATE POINT CD LSTP	20	1.000			0.700	14.00	\$41.45	\$9.67
DEACTIVATE POINT CD RSTP	10	1.000			0.700	7.00	\$41.45	\$4.84
Subtotal - TRANSLATIONS						21.00		\$14.51
Total For Service:						21.00		\$14.51

Qwest Advice No. 3376T Page 366 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 A

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G	Н	
						B * (C Thru F)		H * (G/60)

CCSAC OPTIONS DATABASE EA ADDL ACTIVATION PER ORDER DISCONNECT (con't)

15842 Direct Cost			\$14.51
15843			
15844	Cost	Cost	
15845	Calculation	Factor	Cost
15846	ВС	D	Е
15847 Directly Assigned	<u> </u>		
15848 Product Management Expense	D15848*E15842	0.040393	\$0.59
15849 Sales Expense	D15849*E15842	0.014960	\$0.22
15850 Product Advertising Expense	D15850*E15842	0.000000	\$0.00
15851 Business Fees (Other Operating Taxes)	D15851*Sum(E15842:E15850)	0.042595	\$0.65
15852 Directly Assigned Costs	Sum(E15842:E15851)		\$1.46
15853	· · · · · · · · · · · · · · · · · · ·		
15854 Total Direct Costs	E15842+E15852		\$15.96
15855			
15856 Directly Attributed			
15857 Network Operations	D15857*E15854	0.056129	\$0.90
15858 Network Support Assets	D15858*E15854	0.014074	\$0.22
15859 General Support Assets	D15859*E15854	0.057904	\$0.92
15860 General Purpose Computers	D15860*E15854	0.040926	\$0.65
15861 Uncollectible	D15861*E15854	0.001136	\$0.02
15862 Accounting & Finance Expense	D15862*E15854	0.010471	\$0.17
15863 Human Resources Expense	D15863*E15854	0.009808	\$0.16
15864 Information Management Expense	D15864*E15854	0.068149	\$1.09
15865 Intangibles	D15865*E15854	0.002634	\$0.04
15866 Directly Attributed Costs	Sum(E15857:E15865)		\$4.17
15867			
15868 TELRIC	E15857+E15866		\$20.13
15869			
15870 Common			
15871 Executive Expense	D15871*E15868	0.008052	\$0.16
15872 Planning Expense	D15872*E15868	0.000682	\$0.01
15873 External Relations Expense	D15873*E15868	0.009631	\$0.19
15874 Legal Expense	D15874*E15868	0.007338	\$0.15
15875 Other Procurement Expense	D15875*E15868	0.002772	\$0.06
15876 Research & Development Expense	D15876*E15868	0.000042	\$0.00
15877 Other General and Admin Expense	D15877*E15868	0.019104	\$0.38
15878 Common Costs	Sum(E15871:E15877)		\$0.96
15879			
15880 TELRIC + Common Costs	E15868+E15878		\$21.09

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Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G	Н	
						B * (C Thru F)		H * (G/60)

ADDITIONAL ENGINEERING - BASIC (PER HALF HOUR)

ADD

<u>-ENGR. N20 (per half hour)</u> ADDITIONAL ENGINEERING - BASIC \$22.97

Subtotal - ENGR. N20 (per half hour)	0.00	\$22.97
Total For Service:	0.00	\$22.97

Qwest Advice No. 3376T Page 368 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	[
						B * (C Thru F)		H * (G/60)

ADDITIONAL ENGINEERING - BASIC (PER HALF HOUR) (con't)

47 Direct Cost			\$22.9
49	Cost	Cost	
50	Calculation	Factor	Cost
51	ВС	D	E
52 Directly Assigned			
53 Product Management Expense	D53*E47	0.040393	\$0.9
54 Sales Expense	D54*E47	0.014960	\$0.3
55 Product Advertising Expense	D55*E47	0.000000	\$0.0
56 Business Fees (Other Operating Taxes)	D56*Sum(E47:E55)	0.042595	\$1.0
57 Directly Assigned Costs	Sum(E47:E56)	0.0 .2000	\$2.3
58			· ·
59 Total Direct Costs	E47+E57		\$25.
60			
61 Directly Attributed			
62 Network Operations	D62*E59	0.056129	\$1.
63 Network Support Assets	D63*E59	0.014074	\$0.
64 General Support Assets	D64*E59	0.057904	\$1.
65 General Purpose Computers	D65*E59	0.040926	\$1.
66 Uncollectible	D66*E59	0.001136	\$0.
67 Accounting & Finance Expense	D67*E59	0.010471	\$0.
68 Human Resources Expense	D68*E59	0.009808	\$0.
69 Information Management Expense	D69*E59	0.068149	\$1.7
70 Intangibles	D70*E59	0.002634	\$0.
71 Directly Attributed Costs	Sum(E62:E70)		\$6.
72			
73 TELRIC	E62+E71		\$31.
74			
75 Common	D704F70	0.000050	00
76 Executive Expense	D76*E73	0.008052	\$0.
77 Planning Expense	D77*E73	0.000682	\$0.
78 External Relations Expense	D78*E73	0.009631	\$0.
79 Legal Expense	D79*E73	0.007338	\$0.:
80 Other Procurement Expense	D80*E73	0.002772	\$0.
81 Research & Development Expense	D81*E73	0.000042	\$0.0
82 Other General and Admin Expense	D82*E73	0.019104	\$0.
83 Common Costs	Sum(E76:E82)		\$1.
85 TELRIC + Common Costs	E73+E83		\$33.3
00 TELRIC + COMMINION COSIS	E/3+E03		

Qwest Advice No. 3376T Page 369 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	
						B * (C Thru F)		H * (G/60)

ADDITIONAL ENGINEERING - OVERTIME (PER HALF HOUR)

ADD

-ENGR. N20 (per half hour)
ADDITIONAL ENGINEERING - OVERTIME \$28.41

Subtotal - ENGR. N20 (per half hour)	0.00	\$28.41
Total For Service:	0.00	\$28.41

Qwest Advice No. 3376T Page 370 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	[
						B * (C Thru F)		H * (G/60)

ADDITIONAL ENGINEERING - OVERTIME (PER HALF HOUR) (con't)

137 Direct Cost			\$28.41
138			
139	Cost	Cost	
140	Calculation	Factor	Cost
141	ВС	D	E
142 Directly Assigned			
143 Product Management Expense	D143*E137	0.040393	\$1.15
144 Sales Expense	D144*E137	0.014960	\$0.43
145 Product Advertising Expense	D145*E137	0.000000	\$0.00
146 Business Fees (Other Operating Taxes)	D146*Sum(E137:E145)	0.042595	<u>\$1.28</u>
147 Directly Assigned Costs	Sum(E137:E146)		\$2.85
148			001.00
149 Total Direct Costs	E137+E147		\$31.26
150			
151 Directly Attributed	D450+5440	0.050400	04.75
152 Network Operations	D152*E149	0.056129	\$1.75
153 Network Support Assets	D153*E149	0.014074	\$0.44
154 General Support Assets	D154*E149	0.057904	\$1.81
155 General Purpose Computers	D155*E149	0.040926	\$1.28
156 Uncollectible	D156*E149	0.001136	\$0.04
157 Accounting & Finance Expense	D157*E149	0.010471	\$0.33
158 Human Resources Expense	D158*E149	0.009808	\$0.31
159 Information Management Expense	D159*E149	0.068149	\$2.13
160 Intangibles	D160*E149	0.002634	\$0.08
161 Directly Attributed Costs 162	Sum(E152:E160)		\$8.17
162 163 TELRIC	E152+E161		\$39.43
164	210212101		ψου. το
165 Common			
166 Executive Expense	D166*E163	0.008052	\$0.32
167 Planning Expense	D167*E163	0.000682	\$0.03
168 External Relations Expense	D168*E163	0.009631	\$0.38
169 Legal Expense	D169*E163	0.007338	\$0.29
170 Other Procurement Expense	D170*E163	0.002772	\$0.11
171 Research & Development Expense	D171*E163	0.000042	\$0.00
172 Other General and Admin Expense	D172*E163	0.019104	\$0.75
173 Common Costs	Sum(E166:E172)		\$1.88
174	(_ ·)		V 0 0
175 TELRIC + Common Costs	E163+E173		\$41.30

Qwest Advice No. 3376T Page 371 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	В	С	D	E	F	G	Н	
						B * (C Thru F)		H * (G/60)

ADDITIONAL LABOR INSTALLATION - OVERTIME (PER HALF HOUR)

ADD

<u>-INSTALL/MTCE. L50 (per half hour)</u> ADDITIONAL LABOR INSTALLATION - OVERTIME

\$6.53

Subtotal - INSTALL/MTCE. L50 (per half hour)	0.00	\$6.53
Total For Service:	0.00	\$6.53

Qwest Advice No. 3376T Page 372 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	[
						B * (C Thru F)		H * (G/60)

ADDITIONAL LABOR INSTALLATION - OVERTIME (PER HALF HOUR) (con't)

227 Direct Cost			\$6.53
228			
229	Cost	Cost	0
230	Calculation	Factor	Cost
231	ВС	D	E
232 Directly Assigned			_
233 Product Management Expense	D233*E227	0.040393	\$0.26
234 Sales Expense	D234*E227	0.014960	\$0.10
235 Product Advertising Expense	D235*E227	0.000000	\$0.00
236 Business Fees (Other Operating Taxes)	D236*Sum(E227:E235)	0.042595	\$0.29
237 Directly Assigned Costs	Sum(E227:E236)		\$0.65
238 239 Total Direct Costs	E227+E237		<u> </u>
239 Total Direct Costs 240	E221+E231		\$7.18
240 241 Directly Attributed			
242 Network Operations	D242*E239	0.056129	\$0.40
243 Network Support Assets	D243*E239	0.014074	\$0.10
244 General Support Assets	D244*E239	0.057904	\$0.42
245 General Purpose Computers	D245*E239	0.040926	\$0.29
246 Uncollectible	D246*E239	0.001136	\$0.01
247 Accounting & Finance Expense	D247*E239	0.010471	\$0.08
248 Human Resources Expense	D248*E239	0.009808	\$0.07
249 Information Management Expense	D249*E239	0.068149	\$0.49
250 Intangibles	D250*E239	0.002634	\$0.02
251 Directly Attributed Costs	Sum(E242:E250)	0.002001	\$1.88
252	•••••(== 1=1==00)		ψ1.00
253 TELRIC	E242+E251		\$9.06
254			
255 Common			
256 Executive Expense	D256*E253	0.008052	\$0.07
257 Planning Expense	D257*E253	0.000682	\$0.01
258 External Relations Expense	D258*E253	0.009631	\$0.09
259 Legal Expense	D259*E253	0.007338	\$0.07
260 Other Procurement Expense	D260*E253	0.002772	\$0.03
261 Research & Development Expense	D261*E253	0.000042	\$0.00
262 Other General and Admin Expense	D262*E253	0.019104	\$0.17
263 Common Costs	Sum(E256:E262)		\$0.43
264 265 TELRIC + Common Costs	E253+E263		\$9.49
200 ILLINO + Common Costs	LZJJTLZUJ		ψ3.43

Qwest Advice No. 3376T Page 373 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	
						B * (C Thru F)		H * (G/60)

ADDITIONAL LABOR INSTALLATION - PREMIUM (PER HALF HOUR)

ADD

-INSTALL/MTCE. L50 (per half hour)
ADDITIONAL LABOR INSTALLATION - PREMIUM

\$13.06

Subtotal - INSTALL/MTCE. L50 (per half hour)	0.00	\$13.06
Total For Service:	0.00	\$13.06

Qwest Advice No. 3376T Page 374 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G	Н	
						B * (C Thru F)		H * (G/60)

ADDITIONAL LABOR INSTALLATION - PREMIUM (PER HALF HOUR) (con't)

317 Direct Cost			\$13.06
318	<u> </u>		
319	Cost	Cost	
320	Calculation	Factor	Cost
321	ВС	D	E
322 Directly Assigned			
323 Product Management Expense	D323*E317	0.040393	\$0.53
324 Sales Expense	D324*E317	0.014960	\$0.20
325 Product Advertising Expense	D325*E317	0.000000	\$0.00
326 Business Fees (Other Operating Taxes)	D326*Sum(E317:E325)	0.042595	<u>\$0.59</u>
327 Directly Assigned Costs	Sum(E317:E326)		\$1.31
328	F047 F007		04407
329 Total Direct Costs	E317+E327		\$14.37
330 331 Directly Attributed			
332 Network Operations	D332*E329	0.056129	\$0.81
333 Network Support Assets	D332 E329 D333*E329	0.056129	\$0.20
334 General Support Assets	D334*E329	0.057904	\$0.20
335 General Purpose Computers	D334 E329 D335*E329	0.057904	\$0.59
336 Uncollectible	D336*E329	0.040926	\$0.02
337 Accounting & Finance Expense	D337*E329	0.011471	\$0.02
338 Human Resources Expense	D337 E329 D338*E329	0.009808	\$0.13
339 Information Management Expense	D339*E329	0.068149	\$0.14
340 Intangibles	D340*E329	0.002634	\$0.90
341 Directly Attributed Costs	Sum(E332:E340)	0.002004	\$3.75
342	Guin(E332.E340)		ψ5.75
343 TELRIC	E332+E341		\$18.12
344			
345 Common			
346 Executive Expense	D346*E343	0.008052	\$0.15
347 Planning Expense	D347*E343	0.000682	\$0.01
348 External Relations Expense	D348*E343	0.009631	\$0.17
349 Legal Expense	D349*E343	0.007338	\$0.13
350 Other Procurement Expense	D350*E343	0.002772	\$0.05
351 Research & Development Expense	D351*E343	0.000042	\$0.00
352 Other General and Admin Expense	D352*E343	0.019104	\$0.35
353 Common Costs	Sum(E346:E352)		\$0.86
354			
355 TELRIC + Common Costs	E343+E353		\$18.99

Qwest Advice No. 3376T Page 375 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	
						B * (C Thru F)		H * (G/60)

ADDITIONAL LABOR OTHER - BASIC (PER HALF HOUR)

ADD

-INSTALL/MTCE. L50 (per half hour)
MAINTENANCE OF SERVICE - BASIC

\$20.02

Subtotal - INSTALL/MTCE. L50 (per half hour)	0.00	\$20.02
Total For Service:	0.00	\$20.02

Qwest Advice No. 3376T Page 376 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G	Н	
						B * (C Thru F)		H * (G/60)

ADDITIONAL LABOR OTHER - BASIC (PER HALF HOUR) (con't)

414 Sales Expense	407 Direct Cost			\$20.02
A 10 Content Author Au	408			
B	409	Cost	Cost	
1 1 1 1 1 1 1 1 1 1	410	Calculation	Factor	Cost
413 Product Management Expense D413*E407 0.040393 \$0.8	411	ВС	D	Е
414 Sales Expense D414*E407 0.0144960 \$0.3 415 Product Advertising Expense D415*E407 0.000000 \$0.0 416 Business Fees (Other Operating Taxes) D415*Sum(E407:E415) 0.042595 \$0.5 417 Directly Assigned Costs Sum(E407:E416) \$2.0 418 Total Direct Costs E407+E417 \$2.2 420 Variety Attributed	412 Directly Assigned			
H15 Product Advertising Expense D415*E407	413 Product Management Expense	D413*E407	0.040393	\$0.81
A16 Business Fees (Other Operating Taxes)	414 Sales Expense	D414*E407	0.014960	\$0.30
A17 Directly Assigned Costs Sum(E407:E416) \$2.0	415 Product Advertising Expense	D415*E407	0.000000	\$0.00
A19 Total Direct Costs	416 Business Fees (Other Operating Taxes)	D416*Sum(E407:E415)	0.042595	\$0.90
419 Total Direct Costs	417 Directly Assigned Costs	Sum(E407:E416)		\$2.01
420				
1		E407+E417		\$22.03
422 Network Operations D422*E419 0.056129 \$1.2 423 Network Support Assets D423*E419 0.014074 \$0.3 424 General Support Assets D424*E419 0.057904 \$1.2 425 General Purpose Computers D425*E419 0.040926 \$0.5 426 Uncollectible D426*E419 0.001136 \$0.0 427 Accounting & Finance Expense D427*E419 0.010471 \$0.2 428 Human Resources Expense D428*E419 0.009808 \$0.2 429 Information Management Expense D429*E419 0.068149 \$1.5 430 Intangibles D430*E419 0.068149 \$1.5 431 Directly Attributed Costs Sum(E422:E430) \$5.7 432 Sum(E422:E430) \$5.7 432 E424*E431 \$27.7 433 Telepic Public				
423 Network Support Assets D423*E419 0.014074 \$0.3 424 General Support Assets D424*E419 0.057904 \$1.2 425 General Purpose Computers D425*E419 0.040926 \$0.8 426 Uncollectible D426*E419 0.001136 \$0.0 427 Accounting & Finance Expense D427*E419 0.010471 \$0.2 428 Human Resources Expense D428*E419 0.00808 \$0.2 429 Information Management Expense D429*E419 0.068149 \$1.5 430 Intangibles D430*E419 0.002634 \$0.0 431 Directly Attributed Costs Sum(E422:E430) \$5.7 432 Sum(E422:E430) \$5.7 433 TELRIC E422*E431 \$27.7 434 E420*E453 0.008052 \$0.2 437 Planning Expense D436*E433 0.00862 \$0.0 438 External Relations Expense D439*E433 0.009631 \$0.2 439 Legal Expense D439*E433 0.009631 \$0.2 440 Other Procurement Expense D440*E433 0.007378 \$0.0 441 Research & Development Expense D4				
424 General Support Assets D424*E419 0.057904 \$1.2 425 General Purpose Computers D425*E419 0.040926 \$0.9 426 Uncollectible D426*E419 0.001136 \$0.0 427 Accounting & Finance Expense D427*E419 0.010471 \$0.2 428 Human Resources Expense D428*E419 0.00808 \$0.2 429 Information Management Expense D429*E419 0.068149 \$1.5 430 Intangibles D430*E419 0.002634 \$0.0 431 Directly Attributed Costs Sum(E422:E430) \$5.7 432 Sum(E422:E431) \$27.7 434 \$43 \$27.7 435 Common \$45 Common \$45 Common 436 Executive Expense D436*E433 0.00852 \$0.2 437 Planning Expense D437*E433 0.009631 \$0.2 438 External Relations Expense D439*E433 0.009631 \$0.2 439 Legal Expense D439*E433 0.007338 \$0.2 441 Research & Development Expense D440*E433 0.002772 \$0.0 441 Research & Development Expense D441*E433 0.019104		=		\$1.24
425 General Purpose Computers D425*E419 0.040926 \$0.5 426 Uncollectible D426*E419 0.001136 \$0.0 427 Accounting & Finance Expense D427*E419 0.010471 \$0.2 428 Human Resources Expense D428*E419 0.009808 \$0.2 429 Information Management Expense D429*E419 0.068149 \$1.5 430 Intangibles D430*E419 0.002634 \$0.0 431 Directly Attributed Costs Sum(E422:E430) \$5.7 432 Sum(E422:E430) \$5.7 433 TELRIC E422+E431 \$27.7 434 435 Common 435 Executive Expense D436*E433 0.008052 \$0.2 437 Planning Expense D437*E433 0.000682 \$0.0 438 External Relations Expense D439*E433 0.00738 \$0.2 439 Legal Expense D439*E433 0.00738 \$0.2 440 Other Procurement Expense D440*E433 0.002772 \$0.0 441 Research & Development Expense D441*E433 0.000042 \$0.0 442 Other General and Admin Expense D442*E433 0.019104				
426 Uncollectible D426*E419 0.001136 \$0.0 427 Accounting & Finance Expense D427*E419 0.010471 \$0.2 428 Human Resources Expense D428*E419 0.008808 \$0.2 429 Information Management Expense D429*E419 0.068149 \$1.5 430 Intangibles D430*E419 0.002634 \$0.0 431 Directly Attributed Costs Sum(E422:E430) \$5.7 432 *** *** 433 TELRIC E422*E431 \$27.7 434 *** *** 435 Common *** 436 Executive Expense D436*E433 0.008052 \$0.2 437 Planning Expense D437*E433 0.000682 \$0.0 438 External Relations Expense D439*E433 0.007338 \$0.2 439 Legal Expense D440*E433 0.007338 \$0.2 440 Other Procurement Expense D440*E433 0.00042 \$0.0 441 Research & Development Expense D441*E433 0.000042 \$0.0 442 Other General and Admin Expense D442*E433 0.019104 \$0.5 444				\$1.28
Accounting & Finance Expense D427*E419 0.010471 \$0.2		= 1-0 = 110		\$0.90
428 Human Resources Expense D428*E419 0.009808 \$0.2 429 Information Management Expense D429*E419 0.068149 \$1.5 430 Intangibles D430*E419 0.002634 \$0.0 431 Directly Attributed Costs Sum(E422:E430) \$5.7 432 Sum(E422:E431) \$27.7 434 E422*E431 \$27.7 435 Common \$27.7 436 Executive Expense D436*E433 0.008052 \$0.2 437 Planning Expense D437*E433 0.000682 \$0.0 438 External Relations Expense D438*E433 0.009631 \$0.2 439 Legal Expense D439*E433 0.007338 \$0.2 440 Other Procurement Expense D440*E433 0.002772 \$0.0 441 Research & Development Expense D441*E433 0.000042 \$0.0 442 Other General and Admin Expense D442*E433 0.019104 \$0.5 443 Common Costs Sum(E436:E442) \$1.3				\$0.03
429 Information Management Expense D429*E419 0.068149 \$1.5 430 Intangibles D430*E419 0.002634 \$0.0 431 Directly Attributed Costs Sum(E422:E430) \$5.7 432 E422*E431 \$27.7 433 TELRIC E422*E431 \$27.7 434 435 Common D436*E433 0.008052 \$0.2 437 Planning Expense D437*E433 0.00682 \$0.0 438 External Relations Expense D438*E433 0.009631 \$0.2 439 Legal Expense D439*E433 0.007338 \$0.2 440 Other Procurement Expense D440*E433 0.002772 \$0.0 441 Research & Development Expense D441*E433 0.000042 \$0.0 442 Other General and Admin Expense D442*E433 0.019104 \$0.5 443 Common Costs Sum(E436:E442) \$1.3				\$0.23
A30 Intangibles D430*E419 0.002634 \$0.00431 Directly Attributed Costs Sum(E422:E430) \$5.77 A31 Directly Attributed Costs Sum(E422:E430) \$5.77 A32 Sum(E422:E431 \$27.77 A34 A35 Common A36 Executive Expense D436*E433 0.008052 \$0.20 A37 Planning Expense D437*E433 0.00682 \$0.0043 A38 External Relations Expense D438*E433 0.009631 \$0.00632 A39 Legal Expense D439*E433 0.007338 \$0.007338 A40 Other Procurement Expense D440*E433 0.002772 \$0.00632 A41 Research & Development Expense D440*E433 0.000732 A42 Other General and Admin Expense D441*E433 0.000042 \$0.00632 A43 Common Costs Sum(E436:E442) \$1.3000000000000000000000000000000000000				\$0.22
A31 Directly Attributed Costs Sum(E422:E430) \$5.7432 Stant Common S		= 1-0 = 110		\$1.50
432 433 TELRIC E422+E431 \$27.7 434 435 Common 436 Executive Expense D436*E433 0.008052 \$0.2 437 Planning Expense D437*E433 0.000682 \$0.0 438 External Relations Expense D438*E433 0.009631 \$0.2 439 Legal Expense D439*E433 0.007338 \$0.2 440 Other Procurement Expense D440*E433 0.002772 \$0.0 441 Research & Development Expense D441*E433 0.000042 \$0.0 442 Other General and Admin Expense D442*E433 0.019104 \$0.5 443 Common Costs Sum(E436:E442) \$1.3			0.002634	\$0.06
433 TELRIC E422+E431 \$27.7 434 435 Common \$27.7 436 Executive Expense D436*E433 0.008052 \$0.2 437 Planning Expense D437*E433 0.000682 \$0.0 438 External Relations Expense D438*E433 0.009631 \$0.2 439 Legal Expense D439*E433 0.007338 \$0.2 440 Other Procurement Expense D440*E433 0.002772 \$0.0 441 Research & Development Expense D441*E433 0.000042 \$0.0 442 Other General and Admin Expense D442*E433 0.019104 \$0.5 443 Common Costs Sum(E436:E442) \$1.3		Sum(E422:E430)		\$5.75
434 435 Common 436 Executive Expense D436*E433 0.008052 \$0.2 437 Planning Expense D437*E433 0.00682 \$0.0 438 External Relations Expense D438*E433 0.009631 \$0.2 439 Legal Expense D439*E433 0.007338 \$0.2 440 Other Procurement Expense D440*E433 0.002772 \$0.0 441 Research & Development Expense D441*E433 0.000042 \$0.0 442 Other General and Admin Expense D442*E433 0.019104 \$0.5 443 Common Costs Sum(E436:E442) \$1.3 444		F400 - F404		<u></u>
435 Common D436*E433 0.008052 \$0.2 437 Planning Expense D437*E433 0.000682 \$0.0 438 External Relations Expense D438*E433 0.009631 \$0.2 439 Legal Expense D439*E433 0.007338 \$0.2 440 Other Procurement Expense D440*E433 0.002772 \$0.0 441 Research & Development Expense D441*E433 0.000042 \$0.0 442 Other General and Admin Expense D442*E433 0.019104 \$0.5 443 Common Costs Sum(E436:E442) \$1.3		E422+E431		\$21.10
436 Executive Expense D436*E433 0.008052 \$0.2 437 Planning Expense D437*E433 0.000682 \$0.0 438 External Relations Expense D438*E433 0.009631 \$0.2 439 Legal Expense D439*E433 0.007338 \$0.2 440 Other Procurement Expense D440*E433 0.002772 \$0.0 441 Research & Development Expense D441*E433 0.000042 \$0.0 442 Other General and Admin Expense D442*E433 0.019104 \$0.5 443 Common Costs Sum(E436:E442) \$1.3				
437 Planning Expense D437*E433 0.000682 \$0.0 438 External Relations Expense D438*E433 0.009631 \$0.2 439 Legal Expense D439*E433 0.007338 \$0.2 440 Other Procurement Expense D440*E433 0.002772 \$0.0 441 Research & Development Expense D441*E433 0.000042 \$0.0 442 Other General and Admin Expense D442*E433 0.019104 \$0.5 443 Common Costs Sum(E436:E442) \$1.3		D436*F433	0.008052	\$0.22
438 External Relations Expense D438*E433 0.009631 \$0.2 439 Legal Expense D439*E433 0.007338 \$0.2 440 Other Procurement Expense D440*E433 0.002772 \$0.0 441 Research & Development Expense D441*E433 0.000042 \$0.0 442 Other General and Admin Expense D442*E433 0.019104 \$0.5 443 Common Costs Sum(E436:E442) \$1.3		=		\$0.02
439 Legal Expense D439*E433 0.007338 \$0.2 440 Other Procurement Expense D440*E433 0.002772 \$0.0 441 Research & Development Expense D441*E433 0.000042 \$0.0 42 Other General and Admin Expense D442*E433 0.019104 \$0.5 443 Common Costs Sum(E436:E442) \$1.3		- 101 - 100		
440 Other Procurement Expense D440*E433 0.002772 \$0.0 441 Research & Development Expense D441*E433 0.000042 \$0.0 442 Other General and Admin Expense D442*E433 0.019104 \$0.5 443 Common Costs Sum(E436:E442) \$1.3 444				\$0.20
441 Research & Development Expense D441*E433 0.000042 \$0.0 442 Other General and Admin Expense D442*E433 0.019104 \$0.5 443 Common Costs Sum(E436:E442) \$1.3 444				\$0.08
442 Other General and Admin Expense D442*E433 0.019104 \$0.5 443 Common Costs Sum(E436:E442) \$1.3 444				\$0.00
443 Common Costs Sum(E436:E442) \$1.3 444				\$0.53
444			0.0.0.04	\$1.32
				ψ02
		E433+E443		\$29.11

Qwest Advice No. 3376T Page 377 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	В	С	D	E	F	G	Н	
						B * (C Thru F)		H * (G/60)

ADDITIONAL LABOR OTHER - OVERTIME (PER HALF HOUR)

ADD

-INSTALL/MTCE. L50 (per half hour) MAINTENANCE OF SERVICE - OVERTIME

\$26.74

Subtotal - INSTALL/MTCE. L50 (per half hour)	0.00	\$26.74
Total For Service:	0.00	\$26.74

Qwest Advice No. 3376T Page 378 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G	Н	
						B * (C Thru F)		H * (G/60)

ADDITIONAL LABOR OTHER - OVERTIME (PER HALF HOUR) (con't)

497 Direct Cost			\$26.74
498	<u> </u>		
499	Cost	Cost	
500	Calculation	Factor	Cost
501	ВС	D	E
502 Directly Assigned			
503 Product Management Expense	D503*E497	0.040393	\$1.08
504 Sales Expense	D504*E497	0.014960	\$0.40
505 Product Advertising Expense	D505*E497	0.000000	\$0.00
506 Business Fees (Other Operating Taxes)	D506*Sum(E497:E505)	0.042595	<u>\$1.20</u>
507 Directly Assigned Costs	Sum(E497:E506)		\$2.68
508			
509 Total Direct Costs	E497+E507		\$29.42
510			
511 Directly Attributed			
512 Network Operations	D512*E509	0.056129	\$1.65
513 Network Support Assets	D513*E509	0.014074	\$0.41
514 General Support Assets	D514*E509	0.057904	\$1.70
515 General Purpose Computers	D515*E509	0.040926	\$1.20
516 Uncollectible	D516*E509	0.001136	\$0.03
517 Accounting & Finance Expense	D517*E509	0.010471	\$0.31
518 Human Resources Expense	D518*E509	0.009808	\$0.29
519 Information Management Expense	D519*E509	0.068149	\$2.01
520 Intangibles	D520*E509	0.002634	\$0.08
521 Directly Attributed Costs	Sum(E512:E520)		\$7.69
522			00= 44
523 TELRIC	E512+E521		\$37.11
524 505 2			
525 Common			••••
526 Executive Expense	D526*E523	0.008052	\$0.30
527 Planning Expense	D527*E523	0.000682	\$0.03
528 External Relations Expense	D528*E523	0.009631	\$0.36
529 Legal Expense	D529*E523	0.007338	\$0.27
530 Other Procurement Expense	D530*E523	0.002772	\$0.10
531 Research & Development Expense	D531*E523	0.000042	\$0.00
532 Other General and Admin Expense	D532*E523	0.019104	\$0.71
533 Common Costs	Sum(E526:E532)		\$1.77
534			A 00
535 TELRIC + Common Costs	E523+E533		\$38.88

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Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	
						B * (C Thru F)		H * (G/60)

ADDITIONAL LABOR OTHER - PREMIUM (PEER HALF HOUR)

ADD

-INSTALL/MTCE. L50 (per half hour)
MAINTENANCE OF SERVICE - PREMIUM

\$33.47

Subtotal - INSTALL/MTCE. L50 (per half hour)	0.00	\$33.47
Total For Service:	0.00	\$33.47

Qwest Advice No. 3376T Page 380 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	[
						B * (C Thru F)		H * (G/60)

ADDITIONAL LABOR OTHER - PREMIUM (PEER HALF HOUR) (con't)

587 Direct Cost			\$33.47
588			
589		Cost	
590		actor	Cost
591	ВС	D	E
592 Directly Assigned			
593 Product Management Expense	D593*E587	0.040393	\$1.35
594 Sales Expense	D594*E587	0.014960	\$0.50
595 Product Advertising Expense	D595*E587	0.000000	\$0.00
596 Business Fees (Other Operating Taxes)	D596*Sum(E587:E595)	0.042595	<u>\$1.50</u>
597 Directly Assigned Costs	Sum(E587:E596)		\$3.36
598			4
599 Total Direct Costs	E587+E597		\$36.83
600			
601 Directly Attributed			
602 Network Operations	D602*E599	0.056129	\$2.07
603 Network Support Assets	D603*E599	0.014074	\$0.52
604 General Support Assets	D604*E599	0.057904	\$2.13
605 General Purpose Computers	D605*E599	0.040926	\$1.51
606 Uncollectible	D606*E599	0.001136	\$0.04
607 Accounting & Finance Expense	D607*E599	0.010471	\$0.39
608 Human Resources Expense	D608*E599	0.009808	\$0.36
609 Information Management Expense	D609*E599	0.068149	\$2.51
610 Intangibles	D610*E599	0.002634	\$0.10
611 Directly Attributed Costs	Sum(E602:E610)		\$9.62
612 613 TELRIC	F000 F044		0.40.45
	E602+E611		\$46.45
614 615 Common			
	D040*F040	0.000050	60.07
616 Executive Expense	D616*E613	0.008052	\$0.37
617 Planning Expense	D617*E613	0.000682	\$0.03
618 External Relations Expense	D618*E613	0.009631	\$0.45
619 Legal Expense	D619*E613	0.007338	\$0.34
620 Other Procurement Expense	D620*E613	0.002772	\$0.13
621 Research & Development Expense	D621*E613	0.000042	\$0.00
622 Other General and Admin Expense	D622*E613	0.019104	\$0.89
623 Common Costs 624	Sum(E616:E622)		\$2.21
	E642 - E602		£40.00
625 TELRIC + Common Costs	E613+E623		\$48.66

Qwest Advice No. 3376T Page 381 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G	Н	
						B * (C Thru F)		H * (G/60)

TESTING AND MAINTENANCE - BASIC (PER HALF HOUR)

ADD

-C.O. MTCE. L40 (per half hour)
TESTING AND MAINTENANCE - BASIC

\$21.27

Subtotal - C.O. MTCE. L40 (per half hour)	0.00	\$21.27
Total For Service:	0.00	\$21.27

Qwest Advice No. 3376T Page 382 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	[
						B * (C Thru F)		H * (G/60)

TESTING AND MAINTENANCE - BASIC (PER HALF HOUR) (con't)

677 Direct Cost			\$21.27
678			
679	Cost	Cost	
680	Calculation	Factor	Cost
681	ВС	D	E
682 Directly Assigned			
683 Product Management Expense	D683*E677	0.040393	\$0.86
684 Sales Expense	D684*E677	0.014960	\$0.32
685 Product Advertising Expense	D685*E677	0.000000	\$0.00
686 Business Fees (Other Operating Taxes)	D686*Sum(E677:E685)	0.042595	\$0.96
687 Directly Assigned Costs	Sum(E677:E686)		\$2.13
688 Total Direct Costs	E677+E687		\$23.40
690	LOTTELOOT		Ψ20.40
691 Directly Attributed			
692 Network Operations	D692*E689	0.056129	\$1.31
693 Network Support Assets	D693*E689	0.014074	\$0.33
694 General Support Assets	D694*E689	0.057904	\$1.36
695 General Purpose Computers	D695*E689	0.040926	\$0.96
696 Uncollectible	D696*E689	0.001136	\$0.03
697 Accounting & Finance Expense	D697*E689	0.010471	\$0.25
698 Human Resources Expense	D698*E689	0.009808	\$0.23
699 Information Management Expense	D699*E689	0.068149	\$1.59
700 Intangibles	D700*E689	0.002634	\$0.06
701 Directly Attributed Costs	Sum(E692:E700)		\$6.11
702	,		
703 TELRIC	E692+E701		\$29.52
704			
705 Common	D700+F700	0.000050	00.04
706 Executive Expense	D706*E703	0.008052	\$0.24
707 Planning Expense	D707*E703	0.000682	\$0.02
708 External Relations Expense	D708*E703	0.009631	\$0.28
709 Legal Expense	D709*E703	0.007338	\$0.22
710 Other Procurement Expense	D710*E703	0.002772	\$0.08
711 Research & Development Expense	D711*E703 D712*E703	0.000042	\$0.00
712 Other General and Admin Expense		0.019104	\$0.56
713 Common Costs 714	Sum(E706:E712)		\$1.41
715 TELRIC + Common Costs	E703+E713		\$30.92
	=:00:=::0		900.02

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Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G	Н	
						B * (C Thru F)		H * (G/60)

TESTING AND MAINTENANCE - OVERTIME (PER HALF HOUR)

ADD

-C.O. MTCE. L40 (per half hour)
TESTING AND MAINTENANCE - OVERTIME

\$28.41

Subtotal - C.O. MTCE. L40 (per half hour)	0.00	\$28.41
Total For Service:	0.00	\$28.41

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Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	[
						B * (C Thru F)		H * (G/60)

TESTING AND MAINTENANCE - OVERTIME (PER HALF HOUR) (con't)

767 Direct Cost			\$28.41
768			
769	Cost	Cost	
770	Calculation	Factor	Cost
771	ВС	D	Е
772 Directly Assigned			
773 Product Management Expense	D773*E767	0.040393	\$1.15
774 Sales Expense	D774*E767	0.014960	\$0.43
775 Product Advertising Expense	D775*E767	0.000000	\$0.00
776 Business Fees (Other Operating Taxes)	D776*Sum(E767:E775)	0.042595	\$1.28
777 Directly Assigned Costs	Sum(E767:E776)		\$2.85
778	· · · · ·		
779 Total Direct Costs	E767+E777		\$31.26
780			
781 Directly Attributed			
782 Network Operations	D782*E779	0.056129	\$1.75
783 Network Support Assets	D783*E779	0.014074	\$0.44
784 General Support Assets	D784*E779	0.057904	\$1.81
785 General Purpose Computers	D785*E779	0.040926	\$1.28
786 Uncollectible	D786*E779	0.001136	\$0.04
787 Accounting & Finance Expense	D787*E779	0.010471	\$0.33
788 Human Resources Expense	D788*E779	0.009808	\$0.31
789 Information Management Expense	D789*E779	0.068149	\$2.13
790 Intangibles	D790*E779	0.002634	\$0.08
791 Directly Attributed Costs	Sum(E782:E790)		\$8.17
792			
793 TELRIC	E782+E791		\$39.43
794			
795 Common			
796 Executive Expense	D796*E793	0.008052	\$0.32
797 Planning Expense	D797*E793	0.000682	\$0.03
798 External Relations Expense	D798*E793	0.009631	\$0.38
799 Legal Expense	D799*E793	0.007338	\$0.29
800 Other Procurement Expense	D800*E793	0.002772	\$0.11
801 Research & Development Expense	D801*E793	0.000042	\$0.00
802 Other General and Admin Expense	D802*E793	0.019104	\$0.75
803 Common Costs	Sum(E796:E802)		\$1.88
804			
805 TELRIC + Common Costs	E793+E803		\$41.30

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Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	
						B * (C Thru F)		H * (G/60)

TESTING AND MAINTENANCE - PREMIUM (PER HALF HOUR)

ADD

-C.O. MTCE. L40 (per half hour)
TESTING AND MAINTENANCE - PREMIUM

\$35.55

Subtotal - C.O. MTCE. L40 (per half hour)	0.00	\$35.55
Total For Service:	0.00	\$35.55

Qwest Advice No. 3376T Page 386 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G	Н	
						B * (C Thru F)		H * (G/60)

TESTING AND MAINTENANCE - PREMIUM (PER HALF HOUR) (con't)

857 Direct Cost			\$35.5
858			
859	Cost	Cost	
860	Calculation	Factor	Cost
861	ВС	D	Е
862 Directly Assigned	<u>-</u>		
863 Product Management Expense	D863*E857	0.040393	\$1.
864 Sales Expense	D864*E857	0.014960	\$0.
865 Product Advertising Expense	D865*E857	0.000000	\$0.
866 Business Fees (Other Operating Taxes)	D866*Sum(E857:E865)	0.042595	\$1.
867 Directly Assigned Costs	Sum(E857:E866)		\$3
868			
869 Total Direct Costs	E857+E867		\$39
870			
871 Directly Attributed			
872 Network Operations	D872*E869	0.056129	\$2.
873 Network Support Assets	D873*E869	0.014074	\$0.
874 General Support Assets	D874*E869	0.057904	\$2
875 General Purpose Computers	D875*E869	0.040926	\$1.
876 Uncollectible	D876*E869	0.001136	\$0.
877 Accounting & Finance Expense	D877*E869	0.010471	\$0.
878 Human Resources Expense	D878*E869	0.009808	\$0.
879 Information Management Expense	D879*E869	0.068149	\$2.
880 Intangibles	D880*E869	0.002634	\$0
881 Directly Attributed Costs	Sum(E872:E880)		\$10
882			
883 TELRIC	E872+E881		\$49
884			
885 Common			
886 Executive Expense	D886*E883	0.008052	\$0
887 Planning Expense	D887*E883	0.000682	\$0.
888 External Relations Expense	D888*E883	0.009631	\$0
889 Legal Expense	D889*E883	0.007338	\$0
890 Other Procurement Expense	D890*E883	0.002772	\$0.
891 Research & Development Expense	D891*E883	0.000042	\$0
892 Other General and Admin Expense	D892*E883	0.019104	\$0
893 Common Costs	Sum(E886:E892)		\$2
894			
895 TELRIC + Common Costs	E883+E893		\$51.

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Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G	Н	
						B * (C Thru F)		H * (G/60)

MAINTENANCE OF SERVICE - BASIC (PER HALF HOUR)

ADD

-INSTALL/MTCE. L50 (per half hour)
MAINTENANCE OF SERVICE - BASIC

\$20.02

Subtotal - INSTALL/MTCE. L50 (per half hour)	0.00	\$20.02
Total For Service:	0.00	\$20.02

Qwest Advice No. 3376T Page 388 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G	Н	
						B * (C Thru F)		H * (G/60)

MAINTENANCE OF SERVICE - BASIC (PER HALF HOUR) (con't)

947 Direct Cost			\$20.02
948			
949	Cost	Cost	
950	Calculation	Factor	Cost
951	ВС	D	E
952 Directly Assigned			
953 Product Management Expense	D953*E947	0.040393	\$0.81
954 Sales Expense	D954*E947	0.014960	\$0.30
955 Product Advertising Expense	D955*E947	0.000000	\$0.00
956 Business Fees (Other Operating Taxes)	D956*Sum(E947:E955)	0.042595	<u>\$0.90</u>
957 Directly Assigned Costs	Sum(E947:E956)		\$2.01
958			
959 Total Direct Costs	E947+E957		\$22.03
960			
961 Directly Attributed			
962 Network Operations	D962*E959	0.056129	\$1.24
963 Network Support Assets	D963*E959	0.014074	\$0.31
964 General Support Assets	D964*E959	0.057904	\$1.28
965 General Purpose Computers	D965*E959	0.040926	\$0.90
966 Uncollectible	D966*E959	0.001136	\$0.03
967 Accounting & Finance Expense	D967*E959	0.010471	\$0.23
968 Human Resources Expense	D968*E959	0.009808	\$0.22
969 Information Management Expense	D969*E959	0.068149	\$1.50
970 Intangibles	D970*E959	0.002634	\$0.06
971 Directly Attributed Costs	Sum(E962:E970)		\$5.75
972 973 TELRIC	E962+E971		\$27.78
973 TELRIC	E90Z+E971		\$21.10
975 Common			
976 Executive Expense	D976*E973	0.008052	\$0.22
977 Planning Expense	D977*E973	0.000682	\$0.22
978 External Relations Expense	D977 E973 D978*E973	0.00062	\$0.02
976 External Relations Expense 979 Legal Expense	D978 E973 D979*E973	0.009631	\$0.27
980 Other Procurement Expense	D979 E973 D980*E973	0.007338	\$0.20
981 Research & Development Expense	D980 E973 D981*E973	0.002772	\$0.00
982 Other General and Admin Expense	D981*E973 D982*E973	0.000042	\$0.00
983 Common Costs	Sum(E976:E982)	0.019104	\$1.32
984	Julii(E370.E302)		φ1.32
985 TELRIC + Common Costs	E973+E983		\$29.11
COO TEETIO I COMMON COSTS	EUT OT EUG		Ψ20.11

Qwest Advice No. 3376T Page 389 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	В	С	D	E	F	G	Н	
						B * (C Thru F)		H * (G/60)

MAINTENANCE OF SERVICE - OVERTIME (PER HALF HOUR)

ADD

-INSTALL/MTCE. L50 (per half hour) MAINTENANCE OF SERVICE - OVERTIME

\$26.74

Subtotal - INSTALL/MTCE. L50 (per half hour)	0.00	\$26.74
Total For Service:	0.00	\$26.74

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Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	[
						B * (C Thru F)		H * (G/60)

MAINTENANCE OF SERVICE - OVERTIME (PER HALF HOUR) (con't)

1037 Direct Cost			\$26.
1038			
1039	Cost	Cost	
1040	Calculation	Factor	Cost
1041	ВС	D	Е
1042 Directly Assigned			
1043 Product Management Expense	D1043*E1037	0.040393	\$1.
1044 Sales Expense	D1044*E1037	0.014960	\$0
1045 Product Advertising Expense	D1045*E1037	0.000000	\$0
1046 Business Fees (Other Operating Taxes)	D1046*Sum(E1037:E1045)	0.042595	\$1
1047 Directly Assigned Costs	Sum(E1037:E1046)		\$2
1048			
1049 Total Direct Costs	E1037+E1047		\$29
1050			
1051 Directly Attributed			
1052 Network Operations	D1052*E1049	0.056129	\$1
1053 Network Support Assets	D1053*E1049	0.014074	\$0
1054 General Support Assets	D1054*E1049	0.057904	\$1
1055 General Purpose Computers	D1055*E1049	0.040926	\$1
1056 Uncollectible	D1056*E1049	0.001136	\$0
1057 Accounting & Finance Expense	D1057*E1049	0.010471	\$0
1058 Human Resources Expense	D1058*E1049	0.009808	\$0
1059 Information Management Expense	D1059*E1049	0.068149	\$2
1060 Intangibles	D1060*E1049	0.002634	\$0
1061 Directly Attributed Costs	Sum(E1052:E1060)		\$7
1062 1063 TELRIC	F40F0 - F40C4		\$37
1064 TELRIC	E1052+E1061		\$ 3
1064 1065 Common			
1066 Executive Expense	D1066*E1063	0.008052	\$0
1067 Planning Expense	D1000 E1003 D1067*E1063	0.000682	\$(
1068 External Relations Expense	D1068*E1063	0.009631	\$(
1069 Legal Expense	D1069*E1063	0.007338	\$(
1070 Other Procurement Expense	D1070*E1063	0.007338	\$(
1071 Research & Development Expense	D1070 E1063	0.002772	\$(
1071 Research & Development Expense	D1071 E1003 D1072*E1063	0.000042	\$(
1072 Other General and Admin Expense	Sum(E1066:E1072)	0.019104	\$
1074	Junit 1000:F1012)		Ψ
1075 TELRIC + Common Costs	E1063+E1073		\$38

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Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	В	С	D	E	F	G	Н	
						B * (C Thru F)		H * (G/60)

MAINTENANCE OF SERVICE - PREMIUM (PER HALF HOUR)

ADD

-INSTALL/MTCE. L50 (per half hour)
MAINTENANCE OF SERVICE - PREMIUM

\$33.47

Subtotal - INSTALL/MTCE. L50 (per half hour)	0.00	\$33.47
Total For Service:	0.00	\$33.47

Qwest Advice No. 3376T Page 392 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G	Н	
						B * (C Thru F)		H * (G/60)

MAINTENANCE OF SERVICE - PREMIUM (PER HALF HOUR) (con't)

1127 Direct Cost			\$33.47
1128			
1129	Cost	Cost	
1130	Calculation	Factor	Cost
1131	ВС	D	E
1132 Directly Assigned			<u>.</u>
1133 Product Management Expense	D1133*E1127	0.040393	\$1.35
1134 Sales Expense	D1134*E1127	0.014960	\$0.50
1135 Product Advertising Expense	D1135*E1127	0.000000	\$0.00
1136 Business Fees (Other Operating Taxes)	D1136*Sum(E1127:E1135)	0.042595	\$1.50
1137 Directly Assigned Costs	Sum(E1127:E1136)		\$3.36
1138			
1139 Total Direct Costs	E1127+E1137		\$36.83
1140			-
1141 Directly Attributed			
1142 Network Operations	D1142*E1139	0.056129	\$2.07
1143 Network Support Assets	D1143*E1139	0.014074	\$0.52
1144 General Support Assets	D1144*E1139	0.057904	\$2.13
1145 General Purpose Computers	D1145*E1139	0.040926	\$1.51
1146 Uncollectible	D1146*E1139	0.001136	\$0.04
1147 Accounting & Finance Expense	D1147*E1139	0.010471	\$0.39
1148 Human Resources Expense	D1148*E1139	0.009808	\$0.36
1149 Information Management Expense	D1149*E1139	0.068149	\$2.51
1150 Intangibles	D1150*E1139	0.002634	\$0.10
1151 Directly Attributed Costs	Sum(E1142:E1150)		\$9.62
1152			
1153 TELRIC	E1142+E1151		\$46.45
1154			
1155 Common			
1156 Executive Expense	D1156*E1153	0.008052	\$0.37
1157 Planning Expense	D1157*E1153	0.000682	\$0.03
1158 External Relations Expense	D1158*E1153	0.009631	\$0.45
1159 Legal Expense	D1159*E1153	0.007338	\$0.34
1160 Other Procurement Expense	D1160*E1153	0.002772	\$0.13
1161 Research & Development Expense	D1161*E1153	0.000042	\$0.00
1162 Other General and Admin Expense	D1162*E1153	0.019104	\$0.89
1163 Common Costs	Sum(E1156:E1162)		\$2.21
1164			·
1165 TELRIC + Common Costs	E1153+E1163		\$48.66

Qwest Advice No. 3376T Page 393 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	
						B * (C Thru F)		H * (G/60)

ADDITIONAL COOP ACCEPTANCE TESTING - BASIC (PER HALF HOUR)

ADD

<u>-C.O. MTCE. L40 (per half hour)</u>
ADDITIONAL COOP ACCEPTANCE TESTING - BASIC

\$21.27

Subtotal - C.O. MTCE. L40 (per half hour)	0.00	\$21.27
Total For Service:	0.00	\$21.27

Qwest Advice No. 3376T Page 394 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	[
						B * (C Thru F)		H * (G/60)

ADDITIONAL COOP ACCEPTANCE TESTING - BASIC (PER HALF HOUR) (con't)

1217 Direct Cost			\$21.27
1218			
1219	Cost	Cost	
1220	Calculation	Factor	Cost
1221	ВС	D	E
1222 Directly Assigned			
1223 Product Management Expense	D1223*E1217	0.040393	\$0.86
1224 Sales Expense	D1224*E1217	0.014960	\$0.32
1225 Product Advertising Expense	D1225*E1217	0.000000	\$0.00
1226 Business Fees (Other Operating Taxes)	D1226*Sum(E1217:E1225)	0.042595	<u>\$0.96</u>
1227 Directly Assigned Costs	Sum(E1217:E1226)		\$2.13
1228			
1229 Total Direct Costs	E1217+E1227		\$23.40
1230			
1231 Directly Attributed			_
1232 Network Operations	D1232*E1229	0.056129	\$1.31
1233 Network Support Assets	D1233*E1229	0.014074	\$0.33
1234 General Support Assets	D1234*E1229	0.057904	\$1.36
1235 General Purpose Computers	D1235*E1229	0.040926	\$0.96
1236 Uncollectible	D1236*E1229	0.001136	\$0.03
1237 Accounting & Finance Expense	D1237*E1229	0.010471	\$0.25
1238 Human Resources Expense	D1238*E1229	0.009808	\$0.23
1239 Information Management Expense	D1239*E1229	0.068149	\$1.59
1240 Intangibles	D1240*E1229	0.002634	\$0.06
1241 Directly Attributed Costs	Sum(E1232:E1240)		\$6.11
1242			400 50
1243 TELRIC	E1232+E1241		\$29.52
1244			
1245 Common			
1246 Executive Expense	D1246*E1243	0.008052	\$0.24
1247 Planning Expense	D1247*E1243	0.000682	\$0.02
1248 External Relations Expense	D1248*E1243	0.009631	\$0.28
1249 Legal Expense	D1249*E1243	0.007338	\$0.22
1250 Other Procurement Expense	D1250*E1243	0.002772	\$0.08
1251 Research & Development Expense	D1251*E1243	0.000042	\$0.00
1252 Other General and Admin Expense	D1252*E1243	0.019104	\$0.56
1253 Common Costs	Sum(E1246:E1252)		\$1.41
1254			
1255 TELRIC + Common Costs	E1243+E1253		\$30.92

Qwest Advice No. 3376T Page 395 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	
						B * (C Thru F)		H * (G/60)

ADDITIONAL COOP ACCEPTANCE TESTING - OVERTIME (PER HALF HOUR)

ADD

-C.O. MTCE. L40 (per half hour)

ADDITIONAL COOP ACCEPTANCE TESTING - OVERTIME

\$28.41

Subtotal - C.O. MTCE. L40 (per half hour)	0.00	\$28.41
Total For Service:	0.00	\$28.41

Qwest Advice No. 3376T Page 396 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	[
						B * (C Thru F)		H * (G/60)

ADDITIONAL COOP ACCEPTANCE TESTING - OVERTIME (PER HALF HOUR) (con't)

1308 1309 2 1309 2 1309 2 1309 2 1309 2 1309 2 1309 2 1309 2 1309 2 1309 2 1309 2 1309 2 1309 2 1309 2 1309 2 1309 2 1309 2 1309 2 1309 2 1309 2 1309 2 1309 2 1309 2 1309 2 1309 2 1309 2 1309 2 1309 2 1309 2 1309 2 1309 2 1309 2 1309 2 1309 2 1309 2 1309 2 1309 2 1309 2 1309 2 1309 2 1309 2 1309 2 1309 2 1309 2 1309 2 1309 2 1309 2 1309 2 1309 2 1309 2 1309 2 1309 2 1309 2 1309 2 1309 2 1309 2 1309 2 1309 2 1309 2 1309 2 1309 2 1309 2 1309 2	1307 Direct Cost			\$28.41
Calculation Factor Cost Institute Calculation Factor Cost Institute Inst				
1312				
1312 Directly Assigned				
1313 Product Management Expense D1313*E1307 0.040333 \$1.15 1314 Sales Expense D1314*E1307 0.014960 \$0.43 1315 Product Advertising Expense D1316*E1307 0.00000 \$0.00 1316 Business Fees (Other Operating Taxes) D1316*E1307:E1315) 0.002595 \$1.28 1317 Directly Assigned Costs Sum(E1307:E1316) *2.285 1320 Testiful Fund Costs E1307+E1317 \$31.26 1321 Directly Attributed *** *** \$1.28 1322 Network Support Assets D1322*E1319 0.056129 \$1.75 1323 Network Support Assets D1323*E1319 0.056129 \$1.75 1324 General Purpose Computers D1325*E1319 0.056129 \$1.28 1325 General Purpose Computers D1326*E1319 0.040926 \$1.28 1326 Uncollectible D1326*E1319 0.040926 \$1.28 1327 Accounting & Finance Expense D1326*E1319 0.01136 \$0.04 1329 Information Management Expense D1326*E1319 0.004041 \$0.08 1331 Intagibles D1330*E1331 0.0086149 \$2.13 1333 Intagibles <t< td=""><td></td><td>ВС</td><td>D</td><td>E</td></t<>		ВС	D	E
1314 Sales Expense D1314'E1307 0.014960 S0.43 1315 Product Advertising Expense D1316'E1307 0.000000 S0.00	, ,			
1315 Product Advertising Expense D1316*E1307 0.000000 \$0.00 \$1.26 \$1.26 \$1.37				
1316 Business Fees (Other Operating Taxes)				
1317 Directly Assigned Costs Sum(E1307:E1316) \$2.85 1318				
1318 1319 Total Direct Costs			0.042595	
1319 Total Direct Costs	, ,	Sum(E1307:E1316)		\$2.85
1320 1321 Directly Attributed 1322 Network Operations D1322*E1319 0.056129 \$1.75 1323 Network Support Assets D1323*E1319 0.014074 \$0.44 1324 General Support Assets D1324*E1319 0.057904 \$1.81 1325 General Purpose Computers D1325*E1319 0.04926 \$1.28 1326 Uncollectible D1326*E1319 0.001136 \$0.04 1327 Accounting & Finance Expense D1326*E1319 0.010471 \$0.33 1328 Information Management Expense D1328*E1319 0.009808 \$0.34 1329 Information Management Expense D1329*E1319 0.068149 \$2.13 1330 Intangibles D1330*E1319 0.0068149 \$2.13 1331 Directly Attributed Costs Sum(E1322:E1330) \$8.17 1332 Sommon Sum(E1322:E1331 \$3.9.43 1334 Sum(E1323:E1331 \$3.9.43 1335 Common Sum(E1323:E1331 \$3.9.43 1336 Executive Expense D1336*E1333 0.000682 \$0.03 1337 Planning Expense D1337*E1333 0.000682 \$0.03 1338 External Relations Expense D1338*E1333 0.000682 \$0.03 1339 Legal Expense D1338*E1333 0.000682 \$0.03 1340 Other Procurement Expense D1340*E1333 0.007338 \$0.28 1341 Research & Development Expense D1340*E1333 0.007372 \$0.11 1342 Other Procurement Expense D1340*E1333 0.0007272 \$0.11 1343 Common Costs Sum(E1336:E1342) \$1.88 1343 Common Costs Sum(E136:E1342) \$1.88 1344 Common Costs Sum(E136:E1342) \$1.88 1345 Common Costs Sum(E136:E1342) \$1.88 1346 Sum(E136:E1342) \$1.88 1347 Common Costs Sum(E136:E1342) \$1.88 1348 Common Costs Sum(E136:E1342) \$1.88 1349 Common Costs Sum(E136:E1342) \$1.88 1340 Common Costs Sum(E136:E1342) \$1.88 1341 Common Costs Sum(E136:E1342) \$1.88 1344 Common Costs Sum(E136:E1342) \$1.88 1344 Common Costs Sum(E136:E1342) \$1.88 1344 Common Costs Sum(E136:E1342) \$1.88				
1321		E1307+E1317		\$31.26
1322 Network Operations D1322*E1319 0.056129 \$1.75 \$1323 Network Support Assets D1323*E1319 0.014074 \$0.44 \$0.44 \$1.325 General Support Assets D1323*E1319 0.04074 \$0.44 \$1.325 General Purpose Computers D1325*E1319 0.040926 \$1.28 \$1.325 General Purpose Computers D1325*E1319 0.040926 \$1.28 \$1.326 Uncollectible D1326*E1319 0.001136 \$0.04 \$1.28 \$1.28 \$1.225 General Purpose Computers D1326*E1319 0.001136 \$0.04 \$1.28 \$1.329 Information Management Expense D1328*E1319 0.00808 \$0.31 \$1.329 Information Management Expense D1330*E1319 0.008149 \$2.13 \$1.330 Intangibles D1330*E1319 0.002634 \$0.002634 \$0.003 \$1.333 TELRIC TELRI				
1323 Network Support Assets D1323*E1319 0.014074 \$0.44 1324 General Support Assets D1324*E1319 0.057904 \$1.81 1325 General Purpose Computers D1325*E1319 0.057904 \$1.81 1325 General Purpose Computers D1325*E1319 0.00136 \$1.28 1326 Uncollectible D1325*E1319 0.001136 \$0.04 1327 Accounting & Finance Expense D1327*E1319 0.010471 \$0.33 1328 Human Resources Expense D1328*E1319 0.008808 \$0.31 1329*E1319 0.0088149 \$2.13 1330 Intangibles D1329*E1319 0.0068149 \$2.13 1331 D1325*E1319 0.002634 \$0.08		D		A
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1325 General Purpose Computers D1325*E1319 0.040926 \$1.28 1326 Uncollectible D1326*E1319 0.001136 \$0.04 1327 Accounting & Finance Expense D1327*E1319 0.010471 \$0.33 1328 Human Resources Expense D1328*E1319 0.009808 \$0.31 1329 Information Management Expense D1329*E1319 0.068149 \$2.13 1330 Intangibles D1330*E1319 0.002634 \$0.08 1331 Directly Attributed Costs Sum(E1322:E1330) \$8.17 1332 TELRIC E1322+E1331 \$39.43 1334 \$39.43 1335 Common T 1336 Executive Expense D1336*E1333 0.008052 \$0.32 1337 Planning Expense D1337*E1333 0.000682 \$0.03 1338 External Relations Expense D1339*E1333 0.009631 \$0.38 1339 Legal Expense D1339*E1333 0.009631 \$0.38 1340 Other Procurement Expense D1340*E1333 0.002772 \$0.11 1341 Research & Development Expense D1340*E1333 0.00042 \$0.00 1342 Other General and Admin Expense D1342*E1333 <td< td=""><td></td><td></td><td></td><td></td></td<>				
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1327 Accounting & Finance Expense D1327*E1319 0.010471 \$0.33 1328 Human Resources Expense D1328*E1319 0.009808 \$0.31 1329 Information Management Expense D1329*E1319 0.068149 \$2.13 1330 Intangibles D1330*E1319 0.002634 \$0.008 1331 Directly Attributed Costs Sum(E1322:E1330) \$8.17 1332				
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1329 Information Management Expense D1329*E1319 0.068149 \$2.13 1330 Intangibles D1330*E1319 0.002634 \$0.08 1331 Directly Attributed Costs Sum(E1322:E1330) \$8.17 1332 Sum(E1322:E1331) \$39.43 1334 Sumon S				
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1331 Directly Attributed Costs Sum(E1322:E1330) \$8.17 1332				
1332 1333 TELRIC E1322+E1331 \$39.43 1334 1335 Common 1336 Executive Expense D1336*E1333 0.008052 \$0.32 1337 Planning Expense D1337*E1333 0.000682 \$0.03 1338 External Relations Expense D1338*E1333 0.009631 \$0.38 1339 Legal Expense D1339*E1333 0.007338 \$0.29 1340 Other Procurement Expense D1340*E1333 0.002772 \$0.11 1341 Research & Development Expense D1341*E1333 0.000042 \$0.00 1342 Other General and Admin Expense D1342*E1333 0.019104 \$0.75 1343 Common Costs Sum(E1336:E1342) \$1.88			0.002634	
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1334 1335 Common 1336 Executive Expense D1336*E1333 0.008052 \$0.32 1337 Planning Expense D1337*E1333 0.000682 \$0.03 1338 External Relations Expense D1338*E1333 0.009631 \$0.38 1339 Legal Expense D1339*E1333 0.007338 \$0.29 1340 Other Procurement Expense D1340*E1333 0.002772 \$0.11 1341 Research & Development Expense D1341*E1333 0.000042 \$0.00 1342 Other General and Admin Expense D1342*E1333 0.019104 \$0.75 1343 Common Costs Sum(E1336:E1342) \$1.88		E1322±E1331		\$30.43
1335 Common 1336 Executive Expense D1336*E1333 0.008052 \$0.32 1337 Planning Expense D1337*E1333 0.000682 \$0.03 1338 External Relations Expense D1338*E1333 0.009631 \$0.38 1339 Legal Expense D1339*E1333 0.007338 \$0.29 1340 Other Procurement Expense D1340*E1333 0.002772 \$0.11 1341 Research & Development Expense D1341*E1333 0.000042 \$0.00 1342 Other General and Admin Expense D1342*E1333 0.019104 \$0.75 1343 Common Costs Sum(E1336:E1342) \$1.88		LIGELTLIGGT		ψ00.40
1336 Executive Expense D1336*E1333 0.008052 \$0.32 1337 Planning Expense D1337*E1333 0.000682 \$0.03 1338 External Relations Expense D1338*E1333 0.009631 \$0.38 1339 Legal Expense D1339*E1333 0.007338 \$0.29 1340 Other Procurement Expense D1340*E1333 0.002772 \$0.11 1341 Research & Development Expense D1341*E1333 0.000042 \$0.00 1342 Other General and Admin Expense D1342*E1333 0.019104 \$0.75 1343 Common Costs Sum(E1336:E1342) \$1.88 1344				
1337 Planning Expense D1337*E1333 0.000682 \$0.03 1338 External Relations Expense D1338*E1333 0.009631 \$0.38 1339 Legal Expense D1339*E1333 0.007338 \$0.29 1340 Other Procurement Expense D1340*E1333 0.002772 \$0.11 1341 Research & Development Expense D1341*E1333 0.000042 \$0.00 1342 Other General and Admin Expense D1342*E1333 0.019104 \$0.75 1343 Common Costs Sum(E1336:E1342) \$1.88 1344		D1336*F1333	0.008052	\$0.32
1338 External Relations Expense D1338*E1333 0.009631 \$0.38 1339 Legal Expense D1339*E1333 0.007338 \$0.29 1340 Other Procurement Expense D1340*E1333 0.002772 \$0.11 1341 Research & Development Expense D1341*E1333 0.000042 \$0.00 1342 Other General and Admin Expense D1342*E1333 0.019104 \$0.75 1343 Common Costs Sum(E1336:E1342) \$1.88 1344				
1339 Legal Expense D1339*E1333 0.007338 \$0.29 1340 Other Procurement Expense D1340*E1333 0.002772 \$0.11 1341 Research & Development Expense D1341*E1333 0.000042 \$0.00 1342 Other General and Admin Expense D1342*E1333 0.019104 \$0.75 1343 Common Costs Sum(E1336:E1342) \$1.88 1344				
1340 Other Procurement Expense D1340*E1333 0.002772 \$0.11 1341 Research & Development Expense D1341*E1333 0.000042 \$0.00 1342 Other General and Admin Expense D1342*E1333 0.019104 \$0.75 1343 Common Costs Sum(E1336:E1342) \$1.88 1344				
1341 Research & Development Expense D1341*E1333 0.000042 \$0.00 1342 Other General and Admin Expense D1342*E1333 0.019104 \$0.75 1343 Common Costs Sum(E1336:E1342) \$1.88 1344				
1342 Other General and Admin Expense D1342*E1333 0.019104 \$0.75 1343 Common Costs Sum(E1336:E1342) \$1.88 1344				
1343 Common Costs Sum(E1336:E1342) \$1.88 1344				
1344				
1345 TELRIC + Common Costs E1333+E1343 \$41.30				7
	1345 TELRIC + Common Costs	E1333+E1343		\$41.30

Qwest Advice No. 3376T Page 397 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	В	С	D	E	F	G	Н	
						B * (C Thru F)		H * (G/60)

ADDITIONAL COOP ACCEPTANCE TESTING - PREMIUM (PER HALF HOUR)

ADD

-C.O. MTCE. L40 (per half hour)
ADDITIONAL COOP ACCEPTANCE TESTING - PREMIUM

\$35.55

Subtotal - C.O. MTCE. L40 (per half hour)	0.00	\$35.55
Total For Service:	0.00	\$35.55

Qwest Advice No. 3376T Page 398 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	[
						B * (C Thru F)		H * (G/60)

ADDITIONAL COOP ACCEPTANCE TESTING - PREMIUM (PER HALF HOUR) (con't)

1397 Direct Cost			\$35.55
1398			
1399	Cost	Cost	
1400	Calculation	Factor	Cost
1401	ВС	D	E
1402 Directly Assigned	<u>-</u>		<u>.</u>
1403 Product Management Expense	D1403*E1397	0.040393	\$1.44
1404 Sales Expense	D1404*E1397	0.014960	\$0.53
1405 Product Advertising Expense	D1405*E1397	0.000000	\$0.00
1406 Business Fees (Other Operating Taxes)	D1406*Sum(E1397:E1405)	0.042595	\$1.60
1407 Directly Assigned Costs	Sum(E1397:E1406)		\$3.57
1408			•
1409 Total Direct Costs	E1397+E1407		\$39.12
1410			.
1411 Directly Attributed			
1412 Network Operations	D1412*E1409	0.056129	\$2.20
1413 Network Support Assets	D1413*E1409	0.014074	\$0.55
1414 General Support Assets	D1414*E1409	0.057904	\$2.26
1415 General Purpose Computers	D1415*E1409	0.040926	\$1.60
1416 Uncollectible	D1416*E1409	0.001136	\$0.04
1417 Accounting & Finance Expense	D1417*E1409	0.010471	\$0.41
1418 Human Resources Expense	D1418*E1409	0.009808	\$0.38
1419 Information Management Expense	D1419*E1409	0.068149	\$2.67
1420 Intangibles	D1420*E1409	0.002634	\$0.10
1421 Directly Attributed Costs	Sum(E1412:E1420)		\$10.22
1422			
1423 TELRIC	E1412+E1421		\$49.33
1424			
1425 Common			
1426 Executive Expense	D1426*E1423	0.008052	\$0.40
1427 Planning Expense	D1427*E1423	0.000682	\$0.03
1428 External Relations Expense	D1428*E1423	0.009631	\$0.48
1429 Legal Expense	D1429*E1423	0.007338	\$0.36
1430 Other Procurement Expense	D1430*E1423	0.002772	\$0.14
1431 Research & Development Expense	D1431*E1423	0.000042	\$0.00
1432 Other General and Admin Expense	D1432*E1423	0.019104	\$0.94
1433 Common Costs	Sum(E1426:E1432)		\$2.35
1434			
1435 TELRIC + Common Costs	E1423+E1433		\$51.68

Qwest Advice No. 3376T Page 399 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	
						B * (C Thru F)		H * (G/60)

NONSCHEDULED COOP TESTING - BASIC (PER HALF HOUR)

ADD

-C.O. MTCE. L40 (per half hour)
NONSCHEDULED COOP TESTING - BASIC

\$21.27

Subtotal - C.O. MTCE. L40 (per half hour)	0.00	\$21.27
Total For Service:	0.00	\$21.27

Qwest Advice No. 3376T Page 400 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	[
						B * (C Thru F)		H * (G/60)

NONSCHEDULED COOP TESTING - BASIC (PER HALF HOUR) (con't)

1487 Direct Cost			\$21.27
1488		_	
1489	Cost	Cost	
1490	Calculation	Factor	Cost
1491	ВС	D	E
1492 Directly Assigned			
1493 Product Management Expense	D1493*E1487	0.040393	\$0.86
1494 Sales Expense	D1494*E1487	0.014960	\$0.32
1495 Product Advertising Expense	D1495*E1487	0.000000	\$0.00
1496 Business Fees (Other Operating Taxes)	D1496*Sum(E1487:E1495)	0.042595	<u>\$0.96</u>
1497 Directly Assigned Costs	Sum(E1487:E1496)		\$2.13
1498 1499 Total Direct Costs	E1487+E1497		POO 40
1500	E148/+E149/		\$23.40
1500 1501 Directly Attributed			
1502 Network Operations	D1502*E1499	0.056129	\$1.31
1503 Network Support Assets	D1503*E1499	0.014074	\$0.33
1504 General Support Assets	D1504*E1499	0.057904	\$1.36
1505 General Purpose Computers	D1505*E1499	0.040926	\$0.96
1506 Uncollectible	D1506*E1499	0.001136	\$0.03
1507 Accounting & Finance Expense	D1507*E1499	0.010471	\$0.25
1508 Human Resources Expense	D1508*E1499	0.009808	\$0.23
1509 Information Management Expense	D1509*E1499	0.068149	\$1.59
1510 Intangibles	D1510*E1499	0.002634	\$0.06
1511 Directly Attributed Costs	Sum(E1502:E1510)		\$6.11
1512	,		
1513 TELRIC	E1502+E1511		\$29.52
1514 1515 Common			
1516 Executive Expense	D1516*E1513	0.008052	\$0.24
1517 Planning Expense	D1516 E1513 D1517*E1513	0.006032	\$0.24
1518 External Relations Expense	D1517 E1513	0.000632	\$0.02
1519 Legal Expense	D1516 E1513 D1519*E1513	0.009631	\$0.22
1520 Other Procurement Expense	D1519 E1513	0.007338	\$0.22
1521 Research & Development Expense	D1320 E1313 D1521*E1513	0.002772	\$0.00
1522 Other General and Admin Expense	D1521*E1513	0.000042	\$0.56
1523 Common Costs	Sum(E1516:E1522)	0.010104	\$1.41
1524	Outil(E1310.E1322)		Ψ1.41
1525 TELRIC + Common Costs	E1513+E1523		\$30.92

Qwest Advice No. 3376T Page 401 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G	Н	
						B * (C Thru F)		H * (G/60)

NONSHCEDULED COOP TESTING - OVERTIME (PER HALF HOUR)

ADD

-C.O. MTCE. L40 (per half hour)

NONSCHEDULED COOP TESTING - OVERTIME

\$28.41

Subtotal - C.O. MTCE. L40 (per half hour)	0.00	\$28.41
Total For Service:	0.00	\$28.41

Qwest Advice No. 3376T Page 402 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	[
						B * (C Thru F)		H * (G/60)

NONSHCEDULED COOP TESTING - OVERTIME (PER HALF HOUR) (con't)

1577 Direct Cost			\$28.
1578			
1579	Cost	Cost	
1580	Calculation	Factor	Cost
1581	ВС	D	Е
1582 Directly Assigned	<u></u>		
1583 Product Management Expense	D1583*E1577	0.040393	\$1
1584 Sales Expense	D1584*E1577	0.014960	\$0
1585 Product Advertising Expense	D1585*E1577	0.000000	\$0
1586 Business Fees (Other Operating Taxes)	D1586*Sum(E1577:E1585)	0.042595	\$
1587 Directly Assigned Costs	Sum(E1577:E1586)		\$2
1588			
1589 Total Direct Costs	E1577+E1587		\$3
1590			
1591 Directly Attributed			
1592 Network Operations	D1592*E1589	0.056129	\$
1593 Network Support Assets	D1593*E1589	0.014074	\$
1594 General Support Assets	D1594*E1589	0.057904	\$
1595 General Purpose Computers	D1595*E1589	0.040926	\$
1596 Uncollectible	D1596*E1589	0.001136	\$0
1597 Accounting & Finance Expense	D1597*E1589	0.010471	\$0
1598 Human Resources Expense	D1598*E1589	0.009808	\$0
1599 Information Management Expense	D1599*E1589	0.068149	\$
1600 Intangibles	D1600*E1589	0.002634	\$
1601 Directly Attributed Costs	Sum(E1592:E1600)		\$
1602 1603 <i>TELRIC</i>	E1592+E1601		\$3
1604	E1392+E1001		φο
1605 Common			
1606 Executive Expense	D1606*E1603	0.008052	\$0
1607 Planning Expense	D1606 E1603 D1607*E1603	0.006032	\$(
1608 External Relations Expense	D1608*E1603	0.009631	\$
1609 Legal Expense	D1609*E1603	0.003031	\$
1610 Other Procurement Expense	D1610*E1603	0.007338	\$
1611 Research & Development Expense	D1610 E1603 D1611*E1603	0.002772	\$
1611 Research & Development Expense 1612 Other General and Admin Expense	D1611 E1603 D1612*E1603	0.019104	\$
1613 Common Costs	Sum(E1606:E1612)	0.013104	\$
1614	Junit 1000.F1915)		φ
1615 TELRIC + Common Costs	E1603+E1613		\$41

Qwest Advice No. 3376T Page 403 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G	Н	
						B * (C Thru F)		H * (G/60)

NONSCHEDULED COOP TESTING - PREMIUM (PER HALF HOUR)

ADD

-C.O. MTCE. L40 (per half hour)

NONSCHEDULED COOP TESTING - PREMIUM \$35.55

Subtotal - C.O. MTCE. L40 (per half hour)	0.00	\$35.55
Total For Service:	0.00	\$35.55

Qwest Advice No. 3376T Page 404 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	[
						B * (C Thru F)		H * (G/60)

NONSCHEDULED COOP TESTING - PREMIUM (PER HALF HOUR) (con't)

1668	0(01	
1669	Cost	Cost	
1670	Calculation	Factor	Cost
1671	ВС	D	E
1672 Directly Assigned			
1673 Product Management Expense	D1673*E1667	0.040393	\$1.
1674 Sales Expense	D1674*E1667	0.014960	\$0.
1675 Product Advertising Expense	D1675*E1667	0.000000	\$0.
1676 Business Fees (Other Operating Taxes)	D1676*Sum(E1667:E1675)	0.042595	<u>\$1.</u>
1677 Directly Assigned Costs	Sum(E1667:E1676)		\$3.
1678			400
1679 Total Direct Costs	E1667+E1677		\$39.
1680			
1681 Directly Attributed			
1682 Network Operations	D1682*E1679	0.056129	\$2.
1683 Network Support Assets	D1683*E1679	0.014074	\$0
1684 General Support Assets	D1684*E1679	0.057904	\$2
1685 General Purpose Computers	D1685*E1679	0.040926	\$1
1686 Uncollectible	D1686*E1679	0.001136	\$0
1687 Accounting & Finance Expense	D1687*E1679	0.010471	\$0
1688 Human Resources Expense	D1688*E1679	0.009808	\$0
1689 Information Management Expense	D1689*E1679	0.068149	\$2
1690 Intangibles	D1690*E1679	0.002634	\$0
1691 Directly Attributed Costs	Sum(E1682:E1690)		\$10
1692			
1693 TELRIC	E1682+E1691		\$49
1694			
1695 Common			
1696 Executive Expense	D1696*E1693	0.008052	\$0
1697 Planning Expense	D1697*E1693	0.000682	\$0
1698 External Relations Expense	D1698*E1693	0.009631	\$0
1699 Legal Expense	D1699*E1693	0.007338	\$0
1700 Other Procurement Expense	D1700*E1693	0.002772	\$0
1701 Research & Development Expense	D1701*E1693	0.000042	\$0
1702 Other General and Admin Expense	D1702*E1693	0.019104	\$0
1703 Common Costs	Sum(E1696:E1702)		\$2
1704			
1705 TELRIC + Common Costs	E1693+E1703		\$51.

Qwest Advice No. 3376T Page 405 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	
						B * (C Thru F)		H * (G/60)

NONSCHEDULED MANUAL TESTING - BASIC (PER HALF HOUR)

ADD

-C.O. MTCE. - L40 (per half hour)

NONSCHEDULED MANUAL TESTING - BASIC

\$21.27

Subtotal - C.O. MTCE L40 (per half hour)	0.00	\$21.27
Total For Service:	0.00	\$21.27

Qwest Advice No. 3376T Page 406 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	[
						B * (C Thru F)		H * (G/60)

NONSCHEDULED MANUAL TESTING - BASIC (PER HALF HOUR) (con't)

1757 Direct Cost			\$21.27
1758			
1759	Cost	Cost	
1760	Calculation	Factor	Cost
1761	ВС	D	E
1762 Directly Assigned			
1763 Product Management Expense	D1763*E1757	0.040393	\$0.86
1764 Sales Expense	D1764*E1757	0.014960	\$0.32
1765 Product Advertising Expense	D1765*E1757	0.000000	\$0.00
1766 Business Fees (Other Operating Taxes)	D1766*Sum(E1757:E1765)	0.042595	<u>\$0.96</u>
1767 Directly Assigned Costs	Sum(E1757:E1766)		\$2.13
1768			
1769 Total Direct Costs	E1757+E1767		\$23.40
1770			
1771 Directly Attributed			_
1772 Network Operations	D1772*E1769	0.056129	\$1.31
1773 Network Support Assets	D1773*E1769	0.014074	\$0.33
1774 General Support Assets	D1774*E1769	0.057904	\$1.36
1775 General Purpose Computers	D1775*E1769	0.040926	\$0.96
1776 Uncollectible	D1776*E1769	0.001136	\$0.03
1777 Accounting & Finance Expense	D1777*E1769	0.010471	\$0.25
1778 Human Resources Expense	D1778*E1769	0.009808	\$0.23
1779 Information Management Expense	D1779*E1769	0.068149	\$1.59
1780 Intangibles	D1780*E1769	0.002634	\$0.06
1781 Directly Attributed Costs	Sum(E1772:E1780)		\$6.11
1782			400 50
1783 TELRIC	E1772+E1781		\$29.52
1784			
1785 Common	B. (====		
1786 Executive Expense	D1786*E1783	0.008052	\$0.24
1787 Planning Expense	D1787*E1783	0.000682	\$0.02
1788 External Relations Expense	D1788*E1783	0.009631	\$0.28
1789 Legal Expense	D1789*E1783	0.007338	\$0.22
1790 Other Procurement Expense	D1790*E1783	0.002772	\$0.08
1791 Research & Development Expense	D1791*E1783	0.000042	\$0.00
1792 Other General and Admin Expense	D1792*E1783	0.019104	\$0.56
1793 Common Costs	Sum(E1786:E1792)		\$1.41
1794			
1795 TELRIC + Common Costs	E1783+E1793		\$30.92

Qwest Advice No. 3376T Page 407 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	
						B * (C Thru F)		H * (G/60)

NONSCHEDULED MANUAL TESTING - OVERTIME (PER HALF HOUR)

ADD

-C.O. MTCE. - L40 (per half hour)

NONSCHEDULED MANUAL TESTING - OVERTIME

\$28.41

Subtotal - C.O. MTCE L40 (per half hour)	0.00	\$28.41
Total For Service:	0.00	\$28.41

Qwest Advice No. 3376T Page 408 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G	Н	
						B * (C Thru F)		H * (G/60)

NONSCHEDULED MANUAL TESTING - OVERTIME (PER HALF HOUR) (con't)

1847 Direct Cost			\$28.41
1848			
1849	Cost	Cost	
1850	Calculation	Factor	Cost
1851	ВС	D	E
1852 Directly Assigned			
1853 Product Management Expense	D1853*E1847	0.040393	\$1.15
1854 Sales Expense	D1854*E1847	0.014960	\$0.43
1855 Product Advertising Expense	D1855*E1847	0.000000	\$0.00
1856 Business Fees (Other Operating Taxes)	D1856*Sum(E1847:E1855)	0.042595	\$1.28
1857 Directly Assigned Costs	Sum(E1847:E1856)		\$2.85
1858	· · · · · · · · · · · · · · · · · · ·		•
1859 Total Direct Costs	E1847+E1857		\$31.26
1860			
1861 Directly Attributed			
1862 Network Operations	D1862*E1859	0.056129	\$1.75
1863 Network Support Assets	D1863*E1859	0.014074	\$0.44
1864 General Support Assets	D1864*E1859	0.057904	\$1.81
1865 General Purpose Computers	D1865*E1859	0.040926	\$1.28
1866 Uncollectible	D1866*E1859	0.001136	\$0.04
1867 Accounting & Finance Expense	D1867*E1859	0.010471	\$0.33
1868 Human Resources Expense	D1868*E1859	0.009808	\$0.31
1869 Information Management Expense	D1869*E1859	0.068149	\$2.13
1870 Intangibles	D1870*E1859	0.002634	\$0.08
1871 Directly Attributed Costs	Sum(E1862:E1870)		\$8.17
1872			
1873 TELRIC	E1862+E1871		\$39.43
1874			
1875 Common			
1876 Executive Expense	D1876*E1873	0.008052	\$0.32
1877 Planning Expense	D1877*E1873	0.000682	\$0.03
1878 External Relations Expense	D1878*E1873	0.009631	\$0.38
1879 Legal Expense	D1879*E1873	0.007338	\$0.29
1880 Other Procurement Expense	D1880*E1873	0.002772	\$0.11
1881 Research & Development Expense	D1881*E1873	0.000042	\$0.00
1882 Other General and Admin Expense	D1882*E1873	0.019104	\$0.75
1883 Common Costs	Sum(E1876:E1882)		\$1.88
1884			
1885 TELRIC + Common Costs	E1873+E1883		\$41.30

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Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	В	С	D	E	F	G	Н	
						B * (C Thru F)		H * (G/60)

NONSCHEDULED MANUAL TESTING - PREMIUM (PER HALF HOUR)

ADD

-C.O. MTCE. - L40 (per half hour)

NONSCHEDULED MANUAL TESTING - PREMIUM

NONSCHEDULED MANUAL TESTING - PREMIUM \$35.55

Subtotal - C.O. MTCE L40 (per half hour)	0.00	\$35.55
Total For Service:	0.00	\$35.55

Qwest Advice No. 3376T Page 410 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	
						B * (C Thru F)		H * (G/60)

NONSCHEDULED MANUAL TESTING - PREMIUM (PER HALF HOUR) (con't)

1939 1940 1941 1942 Directly Assigned 1943 Product Management Expense 1944 Sales Expense 1945 Product Advertising Expense 1946 Business Fees (Other Operating Taxes) 1947 Directly Assigned Costs 1948 1949 Total Direct Costs 1950 1951 Directly Attributed 1952 Network Operations 1953 Network Support Assets 1954 General Support Assets 1955 General Purpose Computers 1956 Uncollectible 1957 Accounting & Finance Expense 1958 Human Resources Expense 1959 Information Management Expense 1960 Intangibles 1961 Directly Attributed Costs 1962 1963 TELRIC	Cost Calculation B C D1943*E1937 D1944*E1937 D1945*E1937 D1946*Sum(E1937:E1945) Sum(E1937:E1946) E1937+E1947 D1952*E1949 D1953*E1949 D1955*E1949 D1955*E1949 D1955*E1949 D1955*E1949 D1955*E1949 D1957*E1949 D1958*E1949	0.040393 0.014960 0.000000 0.042595 0.056129 0.014074 0.057904 0.040926 0.001136 0.010471	\$1\$0.0 \$0\$3\$33\$39\$22\$2\$2\$21\$30\$2\$2\$2\$31\$30\$31\$30\$31\$30\$31\$30\$31\$30\$31\$30\$30\$31\$30\$31\$30
1941 1942 Directly Assigned 1943 Product Management Expense 1944 Sales Expense 1945 Product Advertising Expense 1946 Business Fees (Other Operating Taxes) 1947 Directly Assigned Costs 1948 1949 Total Direct Costs 1950 1951 Directly Attributed 1952 Network Operations 1953 Network Support Assets 1954 General Support Assets 1955 General Purpose Computers 1956 Uncollectible 1957 Accounting & Finance Expense 1958 Human Resources Expense 1959 Information Management Expense 1950 Intangibles 1961 Directly Attributed Costs 1962 1963 TELRIC 1964 1965 Common 1966 Executive Expense	B C D1943*E1937 D1944*E1937 D1944*E1937 D1946*Sum(E1937:E1945) Sum(E1937:E1946) E1937+E1947 D1952*E1949 D1953*E1949 D1954*E1949 D1955*E1949 D1956*E1949 D1956*E1949 D1957*E1949 D1957*E1949 D1958*E1949	0.040393 0.014960 0.000000 0.042595 0.056129 0.014074 0.057904 0.040926 0.001136	\$1. \$0. \$0. \$1. \$3. \$39.
1942 Directly Assigned 1943 Product Management Expense 1944 Sales Expense 1945 Product Advertising Expense 1946 Business Fees (Other Operating Taxes) 1947 Directly Assigned Costs 1948 1949 Total Direct Costs 1950 1951 Directly Attributed 1952 Network Operations 1953 Network Support Assets 1954 General Support Assets 1955 General Purpose Computers 1956 Uncollectible 1957 Accounting & Finance Expense 1958 Human Resources Expense 1959 Information Management Expense 1960 Intangibles 1961 Directly Attributed Costs 1962 1963 TELRIC 1964 1965 Common 1966 Executive Expense	D1943*E1937 D1944*E1937 D1944*E1937 D1946*Sum(E1937:E1945) Sum(E1937:E1946) E1937+E1947 D1952*E1949 D1953*E1949 D1955*E1949 D1955*E1949 D1956*E1949 D1957*E1949 D1957*E1949 D1958*E1949	0.040393 0.014960 0.000000 0.042595 0.056129 0.014074 0.057904 0.040926 0.001136	\$1. \$0. \$0. \$1. \$3. \$39.
1943 Product Management Expense 1944 Sales Expense 1945 Product Advertising Expense 1946 Business Fees (Other Operating Taxes) 1947 Directly Assigned Costs 1948 1949 Total Direct Costs 1950 1951 Directly Attributed 1952 Network Operations 1953 Network Support Assets 1954 General Support Assets 1955 General Purpose Computers 1956 Uncollectible 1957 Accounting & Finance Expense 1958 Human Resources Expense 1959 Information Management Expense 1960 Intangibles 1961 Directly Attributed Costs 1962 1963 TELRIC 1964 1965 Common 1966 Executive Expense	D1944*E1937 D1945*E1937 D1946*Sum(E1937:E1945) Sum(E1937:E1946) E1937+E1947 D1952*E1949 D1953*E1949 D1955*E1949 D1955*E1949 D1956*E1949 D1957*E1949 D1958*E1949	0.014960 0.000000 0.042595 0.056129 0.014074 0.057904 0.040926 0.001136	\$0. \$0. <u>\$1.</u> \$33. \$39.
1944 Sales Expense 1945 Product Advertising Expense 1946 Business Fees (Other Operating Taxes) 1947 1948 1949 Total Direct Costs 1950 1951 Directly Attributed 1952 Network Operations 1953 Network Support Assets 1954 General Support Assets 1955 General Purpose Computers 1956 Uncollectible 1957 Accounting & Finance Expense 1958 Human Resources Expense 1959 Information Management Expense 1960 Intangibles 1961 Directly Attributed Costs 1962 1963 TELRIC 1966 Common 1966 Executive Expense	D1944*E1937 D1945*E1937 D1946*Sum(E1937:E1945) Sum(E1937:E1946) E1937+E1947 D1952*E1949 D1953*E1949 D1955*E1949 D1955*E1949 D1956*E1949 D1957*E1949 D1958*E1949	0.014960 0.000000 0.042595 0.056129 0.014074 0.057904 0.040926 0.001136	\$0. \$0. \$1. \$3. \$39. \$2. \$0. \$2. \$1. \$0.
1945 Product Advertising Expense 1946 Business Fees (Other Operating Taxes) 1947 Directly Assigned Costs 1948 1950 1951 Directly Attributed 1952 Network Operations 1953 Network Support Assets 1955 General Support Assets 1956 Uncollectible 1957 Accounting & Finance Expense 1958 Human Resources Expense 1959 Information Management Expense 1960 Intangibles 1961 Directly Attributed Costs 1962 1963 TELRIC 1966 Common 1966 Executive Expense	D1945*E1937 D1946*Sum(E1937:E1945) Sum(E1937:E1946) E1937+E1947 D1952*E1949 D1953*E1949 D1955*E1949 D1955*E1949 D1956*E1949 D1957*E1949 D1958*E1949	0.000000 0.042595 0.056129 0.014074 0.057904 0.040926 0.001136	\$0. \$1. \$3. \$39. \$2. \$0. \$2. \$1. \$0.
1946 Business Fees (Other Operating Taxes) 1947 Directly Assigned Costs 1948 1949 Total Direct Costs 1950 1951 Directly Attributed 1952 Network Operations 1953 Network Support Assets 1954 General Support Assets 1955 General Purpose Computers 1956 Uncollectible 1957 Accounting & Finance Expense 1958 Human Resources Expense 1959 Information Management Expense 1960 Intangibles 1961 Directly Attributed Costs 1962 1963 TELRIC 1966 Common 1966 Executive Expense	D1946*Sum(E1937:E1945) Sum(E1937:E1946) E1937+E1947 D1952*E1949 D1953*E1949 D1954*E1949 D1955*E1949 D1956*E1949 D1957*E1949 D1957*E1949 D1958*E1949	0.042595 0.056129 0.014074 0.057904 0.040926 0.001136	\$1. \$3. \$39. \$2. \$0. \$2. \$1. \$0.
1947 Directly Assigned Costs 1948 1949 Total Direct Costs 1950 1951 Directly Attributed 1952 Network Operations 1953 Network Support Assets 1954 General Support Assets 1955 General Purpose Computers 1956 Uncollectible 1957 Accounting & Finance Expense 1958 Human Resources Expense 1959 Information Management Expense 1950 Intangibles 1961 Directly Attributed Costs 1962 1963 TELRIC 1966 Common 1966 Executive Expense	Sum(E1937:E1946) E1937+E1947 D1952*E1949 D1953*E1949 D1954*E1949 D1955*E1949 D1956*E1949 D1957*E1949 D1957*E1949 D1958*E1949	0.056129 0.014074 0.057904 0.040926 0.001136	\$3 \$39 \$2 \$0 \$2 \$1 \$0
1948 1949 Total Direct Costs 1950 1951 Directly Attributed 1952 Network Operations 1953 Network Support Assets 1954 General Support Assets 1955 General Purpose Computers 1956 Uncollectible 1957 Accounting & Finance Expense 1958 Human Resources Expense 1959 Information Management Expense 1960 Intangibles 1961 Directly Attributed Costs 1962 1963 TELRIC 1966 Common 1966 Executive Expense	E1937+E1947 D1952*E1949 D1953*E1949 D1954*E1949 D1955*E1949 D1956*E1949 D1957*E1949 D1958*E1949	0.014074 0.057904 0.040926 0.001136	\$39 \$2 \$0 \$2 \$1 \$0
1949 Total Direct Costs 1950 1951 Directly Attributed 1952 Network Operations 1953 Network Support Assets 1954 General Support Assets 1955 General Purpose Computers 1956 Uncollectible 1957 Accounting & Finance Expense 1958 Human Resources Expense 1959 Information Management Expense 1960 Intangibles 1961 Directly Attributed Costs 1962 1963 TELRIC 1966 Common 1966 Executive Expense	D1952*E1949 D1953*E1949 D1954*E1949 D1955*E1949 D1956*E1949 D1957*E1949 D1957*E1949	0.014074 0.057904 0.040926 0.001136	\$2 \$0 \$2 \$1 \$0
1950 1951 Directly Attributed 1952 Network Operations 1953 Network Support Assets 1954 General Support Assets 1955 General Purpose Computers 1956 Uncollectible 1957 Accounting & Finance Expense 1958 Human Resources Expense 1959 Information Management Expense 1960 Intangibles 1961 Directly Attributed Costs 1962 1963 TELRIC 1966 Common 1966 Executive Expense	D1952*E1949 D1953*E1949 D1954*E1949 D1955*E1949 D1956*E1949 D1957*E1949 D1957*E1949	0.014074 0.057904 0.040926 0.001136	\$2 \$0 \$2 \$1 \$0
1951 Directly Attributed 1952 Network Operations 1953 Network Support Assets 1954 General Support Assets 1955 General Purpose Computers 1956 Uncollectible 1957 Accounting & Finance Expense 1958 Human Resources Expense 1959 Information Management Expense 1960 Intangibles 1961 Directly Attributed Costs 1962 1963 TELRIC 1966 Common 1966 Executive Expense	D1953*E1949 D1954*E1949 D1955*E1949 D1956*E1949 D1957*E1949 D1957*E1949	0.014074 0.057904 0.040926 0.001136	\$0 \$2 \$1 \$0
1952 Network Operations 1953 Network Support Assets 1954 General Support Assets 1955 General Purpose Computers 1956 Uncollectible 1957 Accounting & Finance Expense 1958 Human Resources Expense 1959 Information Management Expense 1960 Intangibles 1961 Directly Attributed Costs 1962 1963 TELRIC 1964 1965 Common 1966 Executive Expense	D1953*E1949 D1954*E1949 D1955*E1949 D1956*E1949 D1957*E1949 D1957*E1949	0.014074 0.057904 0.040926 0.001136	\$0 \$2 \$1 \$0
1953 Network Support Assets 1954 General Support Assets 1955 General Purpose Computers 1956 Uncollectible 1957 Accounting & Finance Expense 1958 Human Resources Expense 1959 Information Management Expense 1960 Intangibles 1961 Directly Attributed Costs 1962 1963 TELRIC 1964 1965 Common 1966 Executive Expense	D1953*E1949 D1954*E1949 D1955*E1949 D1956*E1949 D1957*E1949 D1957*E1949	0.014074 0.057904 0.040926 0.001136	\$0 \$2 \$1 \$0
1954 General Support Assets 1955 General Purpose Computers 1956 Uncollectible 1957 Accounting & Finance Expense 1958 Human Resources Expense 1959 Information Management Expense 1960 Intangibles 1961 Directly Attributed Costs 1962 1963 TELRIC 1964 1965 Common 1966 Executive Expense	D1954*E1949 D1955*E1949 D1956*E1949 D1957*E1949 D1958*E1949	0.057904 0.040926 0.001136	\$2 \$1 \$0
1955 General Purpose Computers 1956 Uncollectible 1957 Accounting & Finance Expense 1958 Human Resources Expense 1959 Information Management Expense 1960 Intangibles 1961 Directly Attributed Costs 1962 1963 TELRIC 1964 Common 1966 Executive Expense	D1955*E1949 D1956*E1949 D1957*E1949 D1958*E1949	0.040926 0.001136	\$1 \$0
1956 Uncollectible 1957 Accounting & Finance Expense 1958 Human Resources Expense 1959 Information Management Expense 1960 Intangibles 1961 Directly Attributed Costs 1962 1963 TELRIC 1964 1965 Common 1966 Executive Expense	D1956*E1949 D1957*E1949 D1958*E1949	0.001136	\$0
1957 Accounting & Finance Expense 1958 Human Resources Expense 1959 Information Management Expense 1960 Intangibles 1961 Directly Attributed Costs 1962 1963 TELRIC 1964 1965 Common 1966 Executive Expense	D1957*E1949 D1958*E1949		
1958 Human Resources Expense 1959 Information Management Expense 1960 Intangibles 1961 Directly Attributed Costs 1962 1963 TELRIC 1964 1965 Common 1966 Executive Expense	D1958*E1949	0.010471	
1959 Information Management Expense 1960 Intangibles 1961 Directly Attributed Costs 1962 1963 TELRIC 1964 1964 1965 Common 1966 Executive Expense			\$0
1960 Intangibles 1961 Directly Attributed Costs 1962 1963 TELRIC 1964 1965 Common 1966 Executive Expense		0.009808	\$0
1961 Directly Attributed Costs 1962 1963 TELRIC 1964 1965 Common 1966 Executive Expense	D1959*E1949	0.068149	\$2
1962 1963 TELRIC 1964 1965 Common 1966 Executive Expense	D1960*E1949	0.002634	\$0
1963 <i>TELRIC</i> 1964 1965 <i>Common</i> 1966 Executive Expense	Sum(E1952:E1960)		\$10
1964 1965 <i>Common</i> 1966 Executive Expense			
1965 Common 1966 Executive Expense	E1952+E1961		\$49
1966 Executive Expense			
•			
1007 Planning Evenes	D1966*E1963	0.008052	\$0
1967 Planning Expense	D1967*E1963	0.000682	\$0
1968 External Relations Expense	D1968*E1963	0.009631	\$0
1969 Legal Expense	D1969*E1963	0.007338	\$0
1970 Other Procurement Expense	D1970*E1963	0.002772	\$0
1971 Research & Development Expense	D1971*E1963	0.000042	\$0
1972 Other General and Admin Expense	D1972*E1963	0.019104	\$0
1973 Common Costs	- 101 1000		\$2
1974	Sum(E1966:E1972)		

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Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	
						B * (C Thru F)		H * (G/60)

COOPERATIVE SCHEDULED TESTING - LOSS (PER MONTH)

ADD

-C.O. MTCE. - L40 (monthly cost)
COOPERATIVE SCHEDULED TESTING - LOSS

Subtotal - C.O. MTCE L40 (monthly cost)	0.00	\$0.06
Total For Service:	0.00	\$0.06

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Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	[
						B * (C Thru F)		H * (G/60)

COOPERATIVE SCHEDULED TESTING - LOSS (PER MONTH) (con't)

2027 Direct Cost			\$0.06
2028			
2029	Cost	Cost	
2030	Calculation	Factor	Cost
2031	ВС	D	E
2032 Directly Assigned			
2033 Product Management Expense	D2033*E2027	0.040393	\$0.00
2034 Sales Expense	D2034*E2027	0.014960	\$0.00
2035 Product Advertising Expense	D2035*E2027	0.000000	\$0.00
2036 Business Fees (Other Operating Taxes)	D2036*Sum(E2027:E2035)	0.042595	<u>\$0.00</u>
2037 Directly Assigned Costs	Sum(E2027:E2036)		\$0.01
2038			
2039 Total Direct Costs	E2027+E2037		\$0.07
2040			
2041 Directly Attributed			
2042 Network Operations	D2042*E2039	0.056129	\$0.00
2043 Network Support Assets	D2043*E2039	0.014074	\$0.00
2044 General Support Assets	D2044*E2039	0.057904	\$0.00
2045 General Purpose Computers	D2045*E2039	0.040926	\$0.00
2046 Uncollectible	D2046*E2039	0.001136	\$0.00
2047 Accounting & Finance Expense	D2047*E2039	0.010471	\$0.00
2048 Human Resources Expense	D2048*E2039	0.009808	\$0.00
2049 Information Management Expense	D2049*E2039	0.068149	\$0.00
2050 Intangibles	D2050*E2039	0.002634	\$0.00
2051 Directly Attributed Costs	Sum(E2042:E2050)		\$0.02
2052 2053 TELRIC	F0040 F00F4		# 0.00
2053 TELRIC 2054	E2042+E2051		\$0.08
2054 2055 Common			
	D2056*E2053	0.008052	\$0.00
2056 Executive Expense	D2056*E2053 D2057*E2053	0.008052	\$0.00
2057 Planning Expense			
2058 External Relations Expense	D2058*E2053	0.009631 0.007338	\$0.00 \$0.00
2059 Legal Expense 2060 Other Procurement Expense	D2059*E2053 D2060*E2053	0.007338	\$0.00
	D2060^E2053 D2061*E2053	0.002772	
2061 Research & Development Expense 2062 Other General and Admin Expense	D2061*E2053 D2062*E2053	0.000042	\$0.00 \$0.00
2062 Other General and Admin Expense 2063 Common Costs	Sum(E2056:E2062)	0.019104	\$0.00
2064	3uIII(E2U30:E2U62)		φυ.υυ
2065 TELRIC + Common Costs	E2053+E2063		\$0.09
2000 TELRIC + COMMINION COStS	EZU33+EZU03		ф0.09

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Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	
						B * (C Thru F)		H * (G/60)

COOPERATIVE SCHEDULED TESTING - C-MESSAGE NOISE (PER MONTH)

ADD

<u>-C.O. MTCE. - L40 (monthly cost)</u>
COOPERATIVE SCHEDULED TESTING - C-MESSAGE NOISE

Subtotal - C.O. MTCE L40 (monthly cost)	0.00	\$0.06
		_
Total For Service:	0.00	\$0.06

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Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G	Н	
						B * (C Thru F)		H * (G/60)

COOPERATIVE SCHEDULED TESTING - C-MESSAGE NOISE (PER MONTH) (con't)

2117 Direct Cost			\$0.06
2118			
2119	Cost	Cost	
2120	Calculation	Factor	Cost
2121	ВС	D	E
2122 Directly Assigned			
2123 Product Management Expense	D2123*E2117	0.040393	\$0.00
2124 Sales Expense	D2124*E2117	0.014960	\$0.00
2125 Product Advertising Expense	D2125*E2117	0.000000	\$0.00
2126 Business Fees (Other Operating Taxes)	D2126*Sum(E2117:E2125)	0.042595	<u>\$0.00</u>
2127 Directly Assigned Costs	Sum(E2117:E2126)		\$0.01
2128			
2129 Total Direct Costs	E2117+E2127		\$0.07
2130			
2131 Directly Attributed			_
2132 Network Operations	D2132*E2129	0.056129	\$0.00
2133 Network Support Assets	D2133*E2129	0.014074	\$0.00
2134 General Support Assets	D2134*E2129	0.057904	\$0.00
2135 General Purpose Computers	D2135*E2129	0.040926	\$0.00
2136 Uncollectible	D2136*E2129	0.001136	\$0.00
2137 Accounting & Finance Expense	D2137*E2129	0.010471	\$0.00
2138 Human Resources Expense	D2138*E2129	0.009808	\$0.00
2139 Information Management Expense	D2139*E2129	0.068149	\$0.00
2140 Intangibles	D2140*E2129	0.002634	\$0.00
2141 Directly Attributed Costs	Sum(E2132:E2140)		\$0.02
2142			
2143 TELRIC	E2132+E2141		\$0.08
2144			
2145 Common	DO4.40*E04.40	0.000050	•••
2146 Executive Expense	D2146*E2143	0.008052	\$0.00
2147 Planning Expense	D2147*E2143	0.000682	\$0.00
2148 External Relations Expense	D2148*E2143	0.009631	\$0.00
2149 Legal Expense	D2149*E2143	0.007338	\$0.00
2150 Other Procurement Expense	D2150*E2143	0.002772	\$0.00
2151 Research & Development Expense	D2151*E2143	0.000042	\$0.00
2152 Other General and Admin Expense	D2152*E2143	0.019104	\$0.00
2153 Common Costs	Sum(E2146:E2152)		\$0.00
2154 Control of the C	F0440 F04F0		A 0.00
2155 TELRIC + Common Costs	E2143+E2153		\$0.09

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Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	
						B * (C Thru F)		H * (G/60)

COOPERATIVE SCHEDULED TESTING - BALANCE (PER MONTH)

ADD

-C.O. MTCE. - L40 (monthly cost)
COOPERATIVE SCHEDULED TESTING - BALANCE

Subtotal - C.O. MTCE L40 (monthly cost)	0.00	\$0.24
Total For Service:	0.00	\$0.24

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Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	
						B * (C Thru F)		H * (G/60)

COOPERATIVE SCHEDULED TESTING - BALANCE (PER MONTH) (con't)

2207 Direct Cost			\$0.24
2208			
2209	Cost	Cost	
2210	Calculation	Factor	Cost
2211	ВС	D	E
2212 Directly Assigned			
2213 Product Management Expense	D2213*E2207	0.040393	\$0.01
2214 Sales Expense	D2214*E2207	0.014960	\$0.00
2215 Product Advertising Expense	D2215*E2207	0.000000	\$0.00
2216 Business Fees (Other Operating Taxes)	D2216*Sum(E2207:E2215)	0.042595	<u>\$0.01</u>
2217 Directly Assigned Costs	Sum(E2207:E2216)		\$0.02
2218			
2219 Total Direct Costs	E2207+E2217		\$0.26
2220			
2221 Directly Attributed			_
2222 Network Operations	D2222*E2219	0.056129	\$0.01
2223 Network Support Assets	D2223*E2219	0.014074	\$0.00
2224 General Support Assets	D2224*E2219	0.057904	\$0.02
2225 General Purpose Computers	D2225*E2219	0.040926	\$0.01
2226 Uncollectible	D2226*E2219	0.001136	\$0.00
2227 Accounting & Finance Expense	D2227*E2219	0.010471	\$0.00
2228 Human Resources Expense	D2228*E2219	0.009808	\$0.00
2229 Information Management Expense	D2229*E2219	0.068149	\$0.02
2230 Intangibles	D2230*E2219	0.002634	\$0.00
2231 Directly Attributed Costs	Sum(E2222:E2230)		\$0.07
2232			40.00
2233 TELRIC	E2222+E2231		\$0.33
2234			
2235 Common	D0000+F0000	0.000050	# 0.00
2236 Executive Expense	D2236*E2233	0.008052	\$0.00
2237 Planning Expense	D2237*E2233	0.000682	\$0.00
2238 External Relations Expense	D2238*E2233	0.009631	\$0.00
2239 Legal Expense	D2239*E2233	0.007338	\$0.00
2240 Other Procurement Expense	D2240*E2233	0.002772	\$0.00
2241 Research & Development Expense	D2241*E2233	0.000042	\$0.00
2242 Other General and Admin Expense	D2242*E2233	0.019104	\$0.01
2243 Common Costs	Sum(E2236:E2242)		\$0.02
2244 Contract TELEIO Contract	F0000 F0040		Φ0.C=
2245 TELRIC + Common Costs	E2233+E2243		\$0.35

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Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	В	С	D	E	F	G	Н	
						B * (C Thru F)		H * (G/60)

COOPERATIVE SCHEDULED TESTING - GAIN SLOPE (PER MONTH)

ADD

-C.O. MTCE. - L40 (monthly cost)

COOPERATIVE SCHEDULED TESTING - GAIN SLOPE

Subtotal - C.O. MTCE L40 (monthly cost)	0.00	\$0.06
Total For Service:	0.00	\$0.06

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Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	
						B * (C Thru F)		H * (G/60)

COOPERATIVE SCHEDULED TESTING - GAIN SLOPE (PER MONTH) (con't)

2297 Direct Cost			\$0.06
2298			
2299	Cost	Cost	
2300	Calculation	Factor	Cost
2301	ВС	D	E
2302 Directly Assigned			
2303 Product Management Expense	D2303*E2297	0.040393	\$0.00
2304 Sales Expense	D2304*E2297	0.014960	\$0.00
2305 Product Advertising Expense	D2305*E2297	0.000000	\$0.00
2306 Business Fees (Other Operating Taxes)	D2306*Sum(E2297:E2305)	0.042595	<u>\$0.00</u>
2307 Directly Assigned Costs	Sum(E2297:E2306)		\$0.01
2308			
2309 Total Direct Costs	E2297+E2307		\$0.07
2310			
2311 Directly Attributed			_
2312 Network Operations	D2312*E2309	0.056129	\$0.00
2313 Network Support Assets	D2313*E2309	0.014074	\$0.00
2314 General Support Assets	D2314*E2309	0.057904	\$0.00
2315 General Purpose Computers	D2315*E2309	0.040926	\$0.00
2316 Uncollectible	D2316*E2309	0.001136	\$0.00
2317 Accounting & Finance Expense	D2317*E2309	0.010471	\$0.00
2318 Human Resources Expense	D2318*E2309	0.009808	\$0.00
2319 Information Management Expense	D2319*E2309	0.068149	\$0.00
2320 Intangibles	D2320*E2309	0.002634	\$0.00
2321 Directly Attributed Costs	Sum(E2312:E2320)		\$0.02
2322			
2323 TELRIC	E2312+E2321		\$0.08
2324			
2325 Common			••••
2326 Executive Expense	D2326*E2323	0.008052	\$0.00
2327 Planning Expense	D2327*E2323	0.000682	\$0.00
2328 External Relations Expense	D2328*E2323	0.009631	\$0.00
2329 Legal Expense	D2329*E2323	0.007338	\$0.00
2330 Other Procurement Expense	D2330*E2323	0.002772	\$0.00
2331 Research & Development Expense	D2331*E2323	0.000042	\$0.00
2332 Other General and Admin Expense	D2332*E2323	0.019104	\$0.00
2333 Common Costs	Sum(E2326:E2332)		\$0.00
2334			•
2335 TELRIC + Common Costs	E2323+E2333		\$0.09

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Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	
						B * (C Thru F)		H * (G/60)

COOPERATIVE SCHEDULED TESTING - C-NOTCHED NOISE (PER MONTH)

ADD

<u>-C.O. MTCE. - L40 (monthly cost)</u>
COOPERATIVE SCHEDULED TESTING - C-NOTCHED NOISE

Subtotal - C.O. MTCE L40 (monthly cost)	0.00	\$0.06
Total For Service:	0.00	\$0.06

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Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	
						B * (C Thru F)		H * (G/60)

COOPERATIVE SCHEDULED TESTING - C-NOTCHED NOISE (PER MONTH) (con't)

2387 Direct Cost			\$0.06
2388			
2389	Cost	Cost	
2390	Calculation	Factor	Cost
2391	ВС	D	E
2392 Directly Assigned	<u> </u>		
2393 Product Management Expense	D2393*E2387	0.040393	\$0.00
2394 Sales Expense	D2394*E2387	0.014960	\$0.00
2395 Product Advertising Expense	D2395*E2387	0.000000	\$0.00
2396 Business Fees (Other Operating Taxes)	D2396*Sum(E2387:E2395)	0.042595	\$0.00
2397 Directly Assigned Costs	Sum(E2387:E2396)		\$0.01
2398			
2399 Total Direct Costs	E2387+E2397		\$0.07
2400			
2401 Directly Attributed			
2402 Network Operations	D2402*E2399	0.056129	\$0.00
2403 Network Support Assets	D2403*E2399	0.014074	\$0.00
2404 General Support Assets	D2404*E2399	0.057904	\$0.00
2405 General Purpose Computers	D2405*E2399	0.040926	\$0.00
2406 Uncollectible	D2406*E2399	0.001136	\$0.00
2407 Accounting & Finance Expense	D2407*E2399	0.010471	\$0.00
2408 Human Resources Expense	D2408*E2399	0.009808	\$0.00
2409 Information Management Expense	D2409*E2399	0.068149	\$0.00
2410 Intangibles	D2410*E2399	0.002634	\$0.00
2411 Directly Attributed Costs	Sum(E2402:E2410)		\$0.02
2412			
2413 TELRIC	E2402+E2411		\$0.08
2414			
2415 Common			
2416 Executive Expense	D2416*E2413	0.008052	\$0.00
2417 Planning Expense	D2417*E2413	0.000682	\$0.00
2418 External Relations Expense	D2418*E2413	0.009631	\$0.00
2419 Legal Expense	D2419*E2413	0.007338	\$0.00
2420 Other Procurement Expense	D2420*E2413	0.002772	\$0.00
2421 Research & Development Expense	D2421*E2413	0.000042	\$0.00
2422 Other General and Admin Expense	D2422*E2413	0.019104	\$0.00
2423 Common Costs	Sum(E2416:E2422)		\$0.00
2424			
2425 TELRIC + Common Costs	E2413+E2423		\$0.09

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Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	
						B * (C Thru F)		H * (G/60)

MANUAL SCHEDULED TESTING - LOSS (PER MONTH)

ADD

-C.O. MTCE. - L40 (monthly cost)
MANUAL SCHEDULED TESTING - LOSS

Subtotal - C.O. MTCE L40 (monthly cost)	0.00	\$0.12
Total For Service:	0.00	\$0.12

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Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	[
						B * (C Thru F)		H * (G/60)

MANUAL SCHEDULED TESTING - LOSS (PER MONTH) (con't)

2477 Direct Cost			\$0.12
2478			<u> </u>
2479	Cost	Cost	
2480	Calculation	Factor	Cost
2481	ВС	D	E
2482 Directly Assigned			
2483 Product Management Expense	D2483*E2477	0.040393	\$0.00
2484 Sales Expense	D2484*E2477	0.014960	\$0.00
2485 Product Advertising Expense	D2485*E2477	0.000000	\$0.00
2486 Business Fees (Other Operating Taxes)	D2486*Sum(E2477:E2485)	0.042595	\$0.01
2487 Directly Assigned Costs	Sum(E2477:E2486)		\$0.01
2488	·		
2489 Total Direct Costs	E2477+E2487		\$0.13
2490			•
2491 Directly Attributed			
2492 Network Operations	D2492*E2489	0.056129	\$0.01
2493 Network Support Assets	D2493*E2489	0.014074	\$0.00
2494 General Support Assets	D2494*E2489	0.057904	\$0.01
2495 General Purpose Computers	D2495*E2489	0.040926	\$0.01
2496 Uncollectible	D2496*E2489	0.001136	\$0.00
2497 Accounting & Finance Expense	D2497*E2489	0.010471	\$0.00
2498 Human Resources Expense	D2498*E2489	0.009808	\$0.00
2499 Information Management Expense	D2499*E2489	0.068149	\$0.01
2500 Intangibles	D2500*E2489	0.002634	\$0.00
2501 Directly Attributed Costs	Sum(E2492:E2500)		\$0.03
2502			
2503 TELRIC	E2492+E2501		\$0.17
2504			
2505 Common			
2506 Executive Expense	D2506*E2503	0.008052	\$0.00
2507 Planning Expense	D2507*E2503	0.000682	\$0.00
2508 External Relations Expense	D2508*E2503	0.009631	\$0.00
2509 Legal Expense	D2509*E2503	0.007338	\$0.00
2510 Other Procurement Expense	D2510*E2503	0.002772	\$0.00
2511 Research & Development Expense	D2511*E2503	0.000042	\$0.00
2512 Other General and Admin Expense	D2512*E2503	0.019104	\$0.00
2513 Common Costs	Sum(E2506:E2512)		\$0.01
2514	· ,		
2515 TELRIC + Common Costs	E2503+E2513		\$0.17

Qwest Advice No. 3376T Page 423 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G	Н	
						B * (C Thru F)		H * (G/60)

MANUAL SCHEDULED TESTING - C-MESSAGE NOISE (PER MONTH)

ADD

-C.O. MTCE. - L40 (monthly cost)

MANUAL SCHEDULED TESTING - C-MESSAGE NOISE

Subtotal - C.O. MTCE L40 (monthly cost)	0.00	\$0.12
Total For Service:	0.00	\$0.12

Qwest Advice No. 3376T Page 424 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G	Н	
						B * (C Thru F)		H * (G/60)

MANUAL SCHEDULED TESTING - C-MESSAGE NOISE (PER MONTH) (con't)

2567 Direct Cost			\$0.12
2568			
2569	Cost	Cost	
2570	Calculation	Factor	Cost
2571	ВС	D	Е
2572 Directly Assigned			
2573 Product Management Expense	D2573*E2567	0.040393	\$0.00
2574 Sales Expense	D2574*E2567	0.014960	\$0.00
2575 Product Advertising Expense	D2575*E2567	0.000000	\$0.00
2576 Business Fees (Other Operating Taxes)	D2576*Sum(E2567:E2575)	0.042595	\$0.01
2577 Directly Assigned Costs	Sum(E2567:E2576)		\$0.01
2578			
2579 Total Direct Costs	E2567+E2577		\$0.13
2580			-
2581 Directly Attributed			
2582 Network Operations	D2582*E2579	0.056129	\$0.01
2583 Network Support Assets	D2583*E2579	0.014074	\$0.00
2584 General Support Assets	D2584*E2579	0.057904	\$0.01
2585 General Purpose Computers	D2585*E2579	0.040926	\$0.01
2586 Uncollectible	D2586*E2579	0.001136	\$0.00
2587 Accounting & Finance Expense	D2587*E2579	0.010471	\$0.00
2588 Human Resources Expense	D2588*E2579	0.009808	\$0.00
2589 Information Management Expense	D2589*E2579	0.068149	\$0.01
2590 Intangibles	D2590*E2579	0.002634	\$0.00
2591 Directly Attributed Costs	Sum(E2582:E2590)		\$0.03
2592			
2593 TELRIC	E2582+E2591		\$0.17
2594			
2595 Common			
2596 Executive Expense	D2596*E2593	0.008052	\$0.00
2597 Planning Expense	D2597*E2593	0.000682	\$0.00
2598 External Relations Expense	D2598*E2593	0.009631	\$0.00
2599 Legal Expense	D2599*E2593	0.007338	\$0.00
2600 Other Procurement Expense	D2600*E2593	0.002772	\$0.00
2601 Research & Development Expense	D2601*E2593	0.000042	\$0.00
2602 Other General and Admin Expense	D2602*E2593	0.019104	\$0.00
2603 Common Costs	Sum(E2596:E2602)		\$0.01
2604			
2605 TELRIC + Common Costs	E2593+E2603		\$0.17

Qwest Advice No. 3376T Page 425 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G	Н	
						B * (C Thru F)		H * (G/60)

MANUAL SCHEDULED TESTING - BALANCE (PER MONTH)

ADD

-C.O. MTCE. - L40 (monthly cost)
MANUAL SCHEDULED TESTING - BALANCE

Subtotal - C.O. MTCE L40 (monthly cost)	0.00	\$0.48
Total For Service:	0.00	\$0.48

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Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	[
						B * (C Thru F)		H * (G/60)

MANUAL SCHEDULED TESTING - BALANCE (PER MONTH) (con't)

2657 Direct Cost			\$0.48
2658			
2659	Cost	Cost	
2660	Calculation	Factor	Cost
2661	ВС	D	E
2662 Directly Assigned			
2663 Product Management Expense	D2663*E2657	0.040393	\$0.02
2664 Sales Expense	D2664*E2657	0.014960	\$0.01
2665 Product Advertising Expense	D2665*E2657	0.000000	\$0.00
2666 Business Fees (Other Operating Taxes)	D2666*Sum(E2657:E2665)	0.042595	\$0.02
2667 Directly Assigned Costs	Sum(E2657:E2666)		\$0.05
2668			
2669 Total Direct Costs	E2657+E2667		\$0.53
2670			
2671 Directly Attributed			
2672 Network Operations	D2672*E2669	0.056129	\$0.03
2673 Network Support Assets	D2673*E2669	0.014074	\$0.01
2674 General Support Assets	D2674*E2669	0.057904	\$0.03
2675 General Purpose Computers	D2675*E2669	0.040926	\$0.02
2676 Uncollectible	D2676*E2669	0.001136	\$0.00
2677 Accounting & Finance Expense	D2677*E2669	0.010471	\$0.01
2678 Human Resources Expense	D2678*E2669	0.009808	\$0.01
2679 Information Management Expense	D2679*E2669	0.068149	\$0.04
2680 Intangibles	D2680*E2669	0.002634	\$0.00
2681 Directly Attributed Costs	Sum(E2672:E2680)		\$0.14
2682			
2683 TELRIC	E2672+E2681		\$0.67
2684			
2685 Common			
2686 Executive Expense	D2686*E2683	0.008052	\$0.01
2687 Planning Expense	D2687*E2683	0.000682	\$0.00
2688 External Relations Expense	D2688*E2683	0.009631	\$0.01
2689 Legal Expense	D2689*E2683	0.007338	\$0.00
2690 Other Procurement Expense	D2690*E2683	0.002772	\$0.00
2691 Research & Development Expense	D2691*E2683	0.000042	\$0.00
2692 Other General and Admin Expense	D2692*E2683	0.019104	\$0.01
2693 Common Costs	Sum(E2686:E2692)		\$0.03
2694			
2695 TELRIC + Common Costs	E2683+E2693		\$0.70

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Study Name: PART D FINAL ORDER NRC STUDY 7246 B Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G	Н	
						B * (C Thru F)		H * (G/60)

MANUAL SCHEDULED TESTING - GAIN SLOPE (PER MONTH)

ADD

-C.O. MTCE. - L40 (monthly cost)

MANUAL SCHEDULED TESTING - GAIN SLOPE

Subtotal - C.O. MTCE L40 (monthly cost)	0.00	\$0.12
Total For Service:	0.00	\$0.12

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Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	[
						B * (C Thru F)		H * (G/60)

MANUAL SCHEDULED TESTING - GAIN SLOPE (PER MONTH) (con't)

2747 Direct Cost			\$0.12
2748			
2749	Cost	Cost	0 1
2750	Calculation	Factor	Cost
2751	ВС	D	Е
2752 Directly Assigned			
2753 Product Management Expense	D2753*E2747	0.040393	\$0.00
2754 Sales Expense	D2754*E2747	0.014960	\$0.0
2755 Product Advertising Expense	D2755*E2747	0.000000	\$0.0
2756 Business Fees (Other Operating Taxes)	D2756*Sum(E2747:E2755)	0.042595	\$0.0
2757 Directly Assigned Costs	Sum(E2747:E2756)		\$0.0
2758 2759 Total Direct Costs	F0747 - F07F7		ФО 4
2760	E2747+E2757		\$0.1
2760 Directly Attributed			
2762 Network Operations	D2762*E2759	0.056129	\$0.0
2763 Network Support Assets	D2763*E2759	0.014074	\$0.0
2764 General Support Assets	D2764*E2759	0.057904	\$0.0
2765 General Purpose Computers	D2765*E2759	0.040926	\$0.0
2766 Uncollectible	D2766*E2759	0.001136	\$0.0
2767 Accounting & Finance Expense	D2767*E2759	0.010471	\$0.0
2768 Human Resources Expense	D2768*E2759	0.009808	\$0.0
2769 Information Management Expense	D2769*E2759	0.068149	\$0.0
2770 Intangibles	D2770*E2759	0.002634	\$0.0
2771 Directly Attributed Costs	Sum(E2762:E2770)		\$0.0
2772	,		
2773 TELRIC	E2762+E2771		\$0.1
2774 2775 Common			
2776 Executive Expense	D2776*E2773	0.008052	\$0.0
2777 Planning Expense	D2777*E2773	0.000682	\$0.0
2778 External Relations Expense	D2778*E2773	0.009631	\$0.0
2779 Legal Expense	D2779*E2773	0.007338	\$0.0
2780 Other Procurement Expense	D2780*E2773	0.002772	\$0.0
2781 Research & Development Expense	D2781*E2773	0.000042	\$0.0
2782 Other General and Admin Expense	D2782*E2773	0.019104	\$0.0
2783 Common Costs	Sum(E2776:E2782)	2.3.0.01	\$0.0
2784			
2785 TELRIC + Common Costs	E2773+E2783		\$0.1

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Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G	Н	
						B * (C Thru F)		H * (G/60)

MANUAL SCHEDULED TESTING - C-NOTCHED NOISE (PER MONTH)

ADD

-C.O. MTCE. - L40 (monthly cost)

MANUAL SCHEDULED TESTING - C-NOTCHED NOISE

Subtotal - C.O. MTCE L40 (monthly cost)	0.00	\$0.12
Total For Service:	0.00	\$0.12

Qwest Advice No. 3376T Page 430 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	[
						B * (C Thru F)		H * (G/60)

MANUAL SCHEDULED TESTING - C-NOTCHED NOISE (PER MONTH) (con't)

2837 Direct Cost			\$0.12
2838			
2839	Cost	Cost	
2840	Calculation	Factor	Cost
2841	ВС	D	E
2842 Directly Assigned			
2843 Product Management Expense	D2843*E2837	0.040393	\$0.00
2844 Sales Expense	D2844*E2837	0.014960	\$0.00
2845 Product Advertising Expense	D2845*E2837	0.000000	\$0.00
2846 Business Fees (Other Operating Taxes)	D2846*Sum(E2837:E2845)	0.042595	\$0.01
2847 Directly Assigned Costs	Sum(E2837:E2846)		\$0.01
2848			
2849 Total Direct Costs	E2837+E2847		\$0.13
2850			
2851 Directly Attributed			
2852 Network Operations	D2852*E2849	0.056129	\$0.01
2853 Network Support Assets	D2853*E2849	0.014074	\$0.00
2854 General Support Assets	D2854*E2849	0.057904	\$0.01
2855 General Purpose Computers	D2855*E2849	0.040926	\$0.01
2856 Uncollectible	D2856*E2849	0.001136	\$0.00
2857 Accounting & Finance Expense	D2857*E2849	0.010471	\$0.00
2858 Human Resources Expense	D2858*E2849	0.009808	\$0.00
2859 Information Management Expense	D2859*E2849	0.068149	\$0.01
2860 Intangibles	D2860*E2849	0.002634	\$0.00
2861 Directly Attributed Costs	Sum(E2852:E2860)		\$0.03
2862			
2863 TELRIC	E2852+E2861		\$0.17
2864			
2865 Common			
2866 Executive Expense	D2866*E2863	0.008052	\$0.00
2867 Planning Expense	D2867*E2863	0.000682	\$0.00
2868 External Relations Expense	D2868*E2863	0.009631	\$0.00
2869 Legal Expense	D2869*E2863	0.007338	\$0.00
2870 Other Procurement Expense	D2870*E2863	0.002772	\$0.00
2871 Research & Development Expense	D2871*E2863	0.000042	\$0.00
2872 Other General and Admin Expense	D2872*E2863	0.019104	\$0.00
2873 Common Costs	Sum(E2866:E2872)		\$0.01
2874			
2875 TELRIC + Common Costs	E2863+E2873		\$0.17

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Study Name: PART D FINAL ORDER NRC STUDY 7246 B Study Year: 2001

Analyst: Deffley/Eoriatti
Product Group: Interconnection

State: Washington

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	В	С	D	E	F	G B * (C Thru F)	Н	I H * (G/60)
ADDITIONAL DISPATCH CHARGE mechanized								
<u>*ADD*</u>								
-SERVICE DELIVERY COORDINATOR								
.7 probability reflects 30% reduction to work time estimates ordered. VALIDATE EXACT	2	1.000			0.700	1.40	\$40.03	\$0.93
INTRA-CO CALLS	1	1.000			0.700	0.70	\$40.03	\$0.93 \$0.47
SUPP GCOCMA CALL DESIGN	1	1.000			0.700	0.70	\$40.03	\$0.47
FOC - EXACT	1	1.000			0.700	0.70	\$40.03	\$0.47
ORDER DIST TRK - ORDER VAL.	2	1.000			0.700	1.40	\$40.03	\$0.93
VALIDATE SOAC/TIRKS ORDER COMPLETE VALIDATION	1 2	1.000 1.000			0.700 0.700	0.70 1.40	\$40.03 \$40.03	\$0.47 \$0.93
	2	1.000			0.700		Ψ+0.03	·
Subtotal - SERVICE DELIVERY COORDINATOR						7.00		\$4.67
-LRAC								
.7 probability reflects 30% reduction to work time estimates ordered.								
SCREEN ORDER	2	1.000			0.700	1.40	\$37.78	\$0.88
LOAD WORK REQUEST TO TECH CLOSE OUT WORK REQUEST	5 3	1.000 1.000			0.700 0.700	3.50 2.10	\$37.78 \$37.78	\$2.20 \$1.32
CLOSE OUT WORK REQUEST	3	1.000			0.700	2.10	φ31.10	Φ1.32
Subtotal - LRAC						7.00		\$4.41
-INSTALL								
.7 probability reflects 30% reduction to work time estimates ordered.								
LOCATE CUST CONTACT	10	1.000			0.700	7.00	\$42.68	\$4.98
DISCUSS ORDER WITH CUST INFORM CENTER OF CNR	5 5	1.000 1.000			0.700 0.700	3.50 3.50	\$42.68 \$42.68	\$2.49 \$2.49
WAIT FOR CENTER VERIFICATION	10	1.000			0.700	7.00	\$42.68	\$4.98
							*	•
Subtotal - INSTALL						21.00		\$14.94
-SERVICE DELIVERY IMPLEMENTOR								
.7 probability reflects 30% reduction to work time estimates ordered.								
ATTEMPT ACCESS WITH CUST	15	1.000			0.700	10.50	\$43.81	\$7.67
Subtotal - SERVICE DELIVERY IMPLEMENTOR						10.50		\$7.67
Total For Service:						45.50		\$31.68
Total For Service:						45.50		Φ31.08

Qwest Advice No. 3376T Page 432 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	[
						B * (C Thru F)		H * (G/60)

ADDITIONAL DISPATCH CHARGE mechanized (con't)

2927 Direct Cost			\$31.68
2928			
2929	Cost	Cost	
2930	Calculation	Factor	Cost
2931	ВС	D	E
2932 Directly Assigned			_
2933 Product Management Expense	D2933*E2927	0.040393	\$1.28
2934 Sales Expense	D2934*E2927	0.014960	\$0.47
2935 Product Advertising Expense	D2935*E2927	0.000000	\$0.00
2936 Business Fees (Other Operating Taxes)	D2936*Sum(E2927:E2935)	0.042595	<u>\$1.4</u> 2
2937 Directly Assigned Costs	Sum(E2927:E2936)		\$3.1
2938	F0007 - F0007		CO40
2939 Total Direct Costs 2940	E2927+E2937		\$34.86
2940 2941 Directly Attributed			
2942 Network Operations	D2942*E2939	0.056129	\$1.9
2943 Network Support Assets	D2943*E2939	0.014074	\$0.4
2944 General Support Assets	D2944*E2939	0.057904	\$2.0
2945 General Purpose Computers	D2945*E2939	0.040926	\$1.4
2946 Uncollectible	D2946*E2939	0.001136	\$0.0
2947 Accounting & Finance Expense	D2947*E2939	0.010471	\$0.3
2948 Human Resources Expense	D2948*E2939	0.009808	\$0.3
2949 Information Management Expense	D2949*E2939	0.068149	\$2.3
2950 Intangibles	D2950*E2939	0.002634	\$0.0
2951 Directly Attributed Costs	Sum(E2942:E2950)		\$9.1
2952	,		
2953 TELRIC	E2942+E2951		\$43.9
2954 2955 Common			
2956 Executive Expense	D2956*E2953	0.008052	\$0.3
2957 Planning Expense	D2957*E2953	0.006032	\$0.0
2958 External Relations Expense	D2958*E2953	0.000682	\$0.0 \$0.4
2959 Legal Expense	D2959*E2953	0.009631	\$0.4
2960 Other Procurement Expense	D2939 E2933 D2960*E2953	0.007338	\$0.3
2961 Research & Development Expense	D2960 E2953 D2961*E2953	0.002772	\$0.0
2962 Other General and Admin Expense	D2962*E2953	0.000042	\$0.8
2963 Common Costs	Sum(E2956:E2962)	0.010104	\$2.0
2964	Outin(L2330.L2302)		Ψ2.0
2965 TELRIC + Common Costs	E2953+E2963		\$46.06

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Study Name: PART D FINAL ORDER NRC STUDY 7246 B Study Year: 2001

Analyst: Deffley/Eoriatti
Product Group: Interconnection

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	В	C	D	E	F	G B * (C Thru F)	Н	I H * (G/60)
						B (C IIIId I)		11 (0/00)
ADDITIONAL DISPATCH CHARGE manual								
ADD								
-SERVICE DELIVERY COORDINATOR								
.7 probability reflects 30% reduction to work time estimates ordered.								
VALIDATE EXACT	2	1.000			0.700	1.40	\$40.03	\$0.93
INTRA-CO CALLS	1	1.000			0.700	0.70	\$40.03	\$0.47
SUPP GCOCMA CALL DESIGN	1	1.000			0.700	0.70	\$40.03	\$0.47
FOC - EXACT	1	1.000			0.700	0.70	\$40.03	\$0.47
MANUAL HANDLING FOC/DLR	5	1.000			0.700	3.50	\$40.03	\$2.34
ORDER DIST TRK - ORDER VAL.	2	1.000			0.700	1.40	\$40.03	\$0.93
VALIDATE SOAC/TIRKS	1	1.000			0.700	0.70	\$40.03	\$0.47
ORDER COMPLETE VALIDATION	2	1.000			0.700	1.40	\$40.03	\$0.93
Subtotal - SERVICE DELIVERY COORDINATOR						10.50		\$7.01
LDAC								
-LRAC								
.7 probability reflects 30% reduction to work time estimates ordered. SCREEN ORDER	2	4 000			0.700	4.40	# 07 70	
LOAD WORK REQUEST TO TECH	2 5	1.000 1.000			0.700	1.40 3.50	\$37.78 \$37.78	\$0.88 \$2.20
CLOSE OUT WORK REQUEST	3	1.000			0.700	2.10	\$37.76 \$37.78	\$2.20 \$1.32
CLOSE OUT WORK REQUEST	ა	1.000			0.700	2.10	ф31.10	\$1.32
Subtotal - LRAC						7.00		\$4.41
-INSTALL								
.7 probability reflects 30% reduction to work time estimates ordered.								
LOCATE CUST CONTACT	10	1.000			0.700	7.00	\$42.68	\$4.98
DISCUSS ORDER WITH CUST	5	1.000			0.700	3.50	\$42.68	\$2.49
INFORM CENTER OF CNR	5	1.000			0.700	3.50	\$42.68	\$2.49
WAIT FOR CENTER VERIFICATION	10	1.000			0.700	7.00	\$42.68	\$4.98
Subtotal - INSTALL						21.00		\$14.94
-SERVICE DELIVERY IMPLEMENTOR								
.7 probability reflects 30% reduction to work time estimates ordered.								
ATTEMPT ACCESS WITH CUST	15	1.000			0.700	10.50	\$43.81	\$7.67
Subtotal - SERVICE DELIVERY IMPLEMENTOR						10.50		\$7.67
Total Fau Comition						49.00		\$34.02
Total For Service:						49.00		

Qwest Advice No. 3376T Page 434 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G	Н	
						B * (C Thru F)		H * (G/60)

ADDITIONAL DISPATCH CHARGE manual (con't)

3018 3019	Cost	Cost	
3020	Calculation	Factor	Cost
3021	B C	D	E
3022 Directly Assigned			
3023 Product Management Expense	D3023*E3017	0.040393	\$1.37
3024 Sales Expense	D3024*E3017	0.014960	\$0.5
3025 Product Advertising Expense	D3025*E3017	0.000000	\$0.0
3026 Business Fees (Other Operating Taxes)	D3026*Sum(E3017:E3025)	0.042595	\$1.5
3027 Directly Assigned Costs	Sum(E3017:E3026)		\$3.4
3028			
3029 Total Direct Costs	E3017+E3027		\$37.4
3030			
3031 Directly Attributed			
3032 Network Operations	D3032*E3029	0.056129	\$2.1
3033 Network Support Assets	D3033*E3029	0.014074	\$0.5
3034 General Support Assets	D3034*E3029	0.057904	\$2.1
3035 General Purpose Computers	D3035*E3029	0.040926	\$1.5
3036 Uncollectible	D3036*E3029	0.001136	\$0.0
3037 Accounting & Finance Expense	D3037*E3029	0.010471	\$0.3
3038 Human Resources Expense	D3038*E3029	0.009808	\$0.3
3039 Information Management Expense	D3039*E3029	0.068149	\$2.5
3040 Intangibles	D3040*E3029	0.002634	\$0.1
3041 Directly Attributed Costs	Sum(E3032:E3040)		\$9.7
3042 3043 <i>TELRIC</i>	E3032+E3041		\$47.2
3044	L3032+L3041		ψ41.2
3045 Common			
3046 Executive Expense	D3046*E3043	0.008052	\$0.3
3047 Planning Expense	D3047*E3043	0.000682	\$0.0
3048 External Relations Expense	D3048*E3043	0.009631	\$0.4
3049 Legal Expense	D3049*E3043	0.007338	\$0.3
3050 Other Procurement Expense	D3050*E3043	0.002772	\$0.1
3051 Research & Development Expense	D3051*E3043	0.000042	\$0.0
3052 Other General and Admin Expense	D3052*E3043	0.019104	\$0.9
3053 Common Costs	Sum(E3046:E3052)		\$2.2
3054			
3055 TELRIC + Common Costs	E3043+E3053		\$49.4

Qwest Advice No. 3376T Page 435 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B Study Year: 2001

Analyst: Deffley/Eoriatti
Product Group: Interconnection

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G B * (C Thru F)	Н	I H * (G/60)
DATE CHANGE mechanized								
<u>*ADD*</u>								
-SERVICE DELIVERY COORDINATOR .25 probability applies to tasks associated with non-electronic interface.								
.7 probability reflects 30% reduction to work time estimates ordered. VALIDATE EXACT	2	1.000			0.700	1.40	\$40.03	\$0.93
INTRA-CO CALLS	1	1.000			0.700	0.70	\$40.03	\$0.47
SUPP GCOCMA CALL DESIGN	1	1.000			0.700	0.70	\$40.03	\$0.47
FOC - EXACT	1	1.000			0.700	0.70	\$40.03	\$0.47
ORDER DIST TRK - ORDER VAL.	2	1.000			0.700	1.40	\$40.03	\$0.93
VALIDATE SOAC/TIRKS	1	1.000			0.700	0.70	\$40.03	\$0.47
ORDER COMPLETE VALIDATION	2	1.000			0.700	1.40	\$40.03	\$0.93
Subtotal - SERVICE DELIVERY COORDINATOR						7.00		\$4.67
Total For Service:						7.00		\$4.67

Qwest Advice No. 3376T Page 436 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	
						B * (C Thru F)		H * (G/60)

DATE CHANGE mechanized (con't)

3107 Direct Cost			\$4.67
3108			
3109	Cost	Cost	
3110	Calculation	Factor	Cost
3111	ВС	D	E
3112 Directly Assigned	<u>-</u>		<u>.</u>
3113 Product Management Expense	D3113*E3107	0.040393	\$0.19
3114 Sales Expense	D3114*E3107	0.014960	\$0.07
3115 Product Advertising Expense	D3115*E3107	0.000000	\$0.00
3116 Business Fees (Other Operating Taxes)	D3116*Sum(E3107:E3115)	0.042595	\$0.21
3117 Directly Assigned Costs	Sum(E3107:E3116)		\$0.47
3118			
3119 Total Direct Costs	E3107+E3117		\$5.14
3120			
3121 Directly Attributed			
3122 Network Operations	D3122*E3119	0.056129	\$0.29
3123 Network Support Assets	D3123*E3119	0.014074	\$0.07
3124 General Support Assets	D3124*E3119	0.057904	\$0.30
3125 General Purpose Computers	D3125*E3119	0.040926	\$0.21
3126 Uncollectible	D3126*E3119	0.001136	\$0.01
3127 Accounting & Finance Expense	D3127*E3119	0.010471	\$0.05
3128 Human Resources Expense	D3128*E3119	0.009808	\$0.05
3129 Information Management Expense	D3129*E3119	0.068149	\$0.35
3130 Intangibles	D3130*E3119	0.002634	\$0.01
3131 Directly Attributed Costs	Sum(E3122:E3130)		\$1.34
3132			
3133 TELRIC	E3122+E3131		\$6.48
3134			
3135 Common			
3136 Executive Expense	D3136*E3133	0.008052	\$0.05
3137 Planning Expense	D3137*E3133	0.000682	\$0.00
3138 External Relations Expense	D3138*E3133	0.009631	\$0.06
3139 Legal Expense	D3139*E3133	0.007338	\$0.05
3140 Other Procurement Expense	D3140*E3133	0.002772	\$0.02
3141 Research & Development Expense	D3141*E3133	0.000042	\$0.00
3142 Other General and Admin Expense	D3142*E3133	0.019104	\$0.12
3143 Common Costs	Sum(E3136:E3142)		\$0.31
3144	,		
3145 TELRIC + Common Costs	E3133+E3143		\$6.79

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Study Name: PART D FINAL ORDER NRC STUDY 7246 B Study Year: 2001

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	В	С	D	Е	F	G B * (C Thru F)	Н	I H * (G/60)
DATE CHANGE manual						,		, ,
ADD								
SERVICE DELIVERY COORDINATOR								
.25 probability applies to tasks associated with non-electronic interface7 probability reflects 30% reduction to work time estimates ordered.								
VALIDATE EXACT	2	1.000			0.700	1.40	\$40.03	\$0.93
INTRA-CO CALLS	1	1.000			0.700	0.70	\$40.03	\$0.47
SUPP GCOCMA CALL DESIGN	1	1.000			0.700	0.70	\$40.03	\$0.47
FOC - EXACT	1	1.000			0.700	0.70	\$40.03	\$0.47
MANUAL HANDLING FOC/DLR	5	1.000			0.700	3.50	\$40.03	\$2.34
ORDER DIST TRK - ORDER VAL.	2	1.000			0.700	1.40	\$40.03	\$0.93
VALIDATE SOAC/TIRKS	1	1.000			0.700		\$40.03	\$0.47
ORDER COMPLETE VALIDATION	2	1.000			0.700	1.40	\$40.03	\$0.93
Subtotal - SERVICE DELIVERY COORDINATOR						10.50		\$7.01
Total For Service:						10.50		\$7.01

Qwest Advice No. 3376T Page 438 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	
						B * (C Thru F)		H * (G/60)

DATE CHANGE manual (con't)

3204 Sales Expense D3204*E3197 0.014960 \$0.11 3205 Product Advertising Expense D3206*E3197 0.000000 \$0.00	3197 Direct Cost			\$7.01
Calculation Factor Cost R				
B C D D D D D D D D D				
3202 Directly Assigned D320*E3197 0.040393 \$0.22 \$0.23 \$0.24 \$0.23 \$0.24 \$0.23 \$				
3203 Product Management Expense D3204*E3197 0.040333 \$0.24 \$3104 \$		ВС	D	E
3204 Sales Expense D3204*E3197 0.014960 \$0.11 3205 Product Advertising Expense D3206*E3197 0.000000 \$0.00	, ,			
3205 Product Advertising Expense D3206*E3197 0.000000 \$0.00 3206 Business Fees (Other Operating Taxes) D3206*Sum(E3197:E3205) 0.042595 \$0.32 3207 Directly Assigned Costs Sum(E3197:E3206) \$0.042595 \$0.32 3208 \$0.0000000000000000000000000000000000				\$0.28
3208 Business Fees (Other Operating Taxes) D3206*Sum(E3197:E3206) 0.042595 50.3* 3207 Directly Assigned Costs D3208*Sum(E3197:E3206) 0.0753206 3209 Total Direct Costs E3197+E3207 57.7* 3210 Directly Attributed D3212*E3209 0.056129 0.057320 3211 Directly Attributed D3213*E3209 0.014074 50.1* 3212 Network Support Assets D3213*E3209 0.014074 50.1* 3213 Network Support Assets D3214*E3209 0.057904 50.4* 3215 General Purpose Computers D3216*E3209 0.001136 50.0* 3216 Uncollectible D3216*E3209 0.001136 50.0* 3217 Accounting & Finance Expense D3216*E3209 0.011471 50.0* 3218 Human Resources Expense D3217*E3209 0.014071 50.0* 3219 Information Management Expense D3219*E3209 0.088149 50.5* 3220 Intangibles D3220*E3209 0.088149 50.5* 3221 Directly Attributed Costs D3220*E3209 0.008084 50.0* 3222 S222 Directly Attributed Costs Sum(E3212*E3220) S2.0* 3223 Zerror David Common S226 Executive Expense D3226*E3223 0.008052 50.0* 3224 David Common D3226*E3223 0.008052 50.0* 3225 David Relations Expense D3226*E3223 0.008052 50.0* 3226 Executive Expense D3229*E3223 0.009631 50.0* 3229 Legal Expense D3229*E3223 0.009631 50.0* 3220 Legal Expense D3229*E3223 0.007338 50.0* 3221 David Papense D3239*E3223 0.007338 50.0* 3222 Legal Expense D3239*E3223 0.007372 50.0* 3223 Other Procurement Expense D3239*E3223 0.007772 50.0* 3231 Common Costs				\$0.10
Sum				\$0.00
3208 Sample Sam		` '	0.042595	<u>\$0.31</u>
3209 Total Direct Costs		Sum(E3197:E3206)		\$0.70
3210 3211 Directly Attributed 3212 Network Operations D3212*E3209 0.056129 \$0.45 \$0.45 \$0.15 \$0.				
3212 Directly Attributed 3212 Network Operations D3212*E3209 0.056129 \$0.45		E3197+E3207		\$7.71
3212 Network Operations D3212*E3209 0.056129 \$0.45 3213 Network Support Assets D3213*E3209 0.014074 \$0.17 3214 General Support Assets D3214*E3209 0.014074 \$0.17 3215 General Purpose Computers D3215*E3209 0.040926 \$0.33 3216 Uncollectible D3216*E3209 0.001136 \$0.07 3217 Accounting & Finance Expense D3216*E3209 0.010471 \$0.06 3218 Human Resources Expense D3218*E3209 0.010471 \$0.06 3219 Information Management Expense D3218*E3209 0.088149 \$0.55 3220 Intangibles D320*E3209 0.068149 \$0.55 3221 [Directly Attributed Costs D320*E3209 0.002634 \$0.05 3222 TELRIC E3212*E3220 \$9.75 3223 TELRIC E3212*E3220 \$9.75 3224 3225 Common 3226*E3233 0.008052 \$0.06 3226 Executive Expense D3226*E3223 0.00862 \$0.05 3227 Planning Expense D3227*E3223 0.009631 \$0.05 3228 External Relations Expense D3228*E3223 0.009631 \$0.05 3229 Legal Expense D3229*E3223 0.007338 \$0.05 3230 Other Procurement Expense D3230*E3223 0.007338 \$0.05 3230 Other Procurement Expense D3230*E3223 0.007338 \$0.05 3231 Research & Development Expense D3230*E3223 0.007338 \$0.05 3232 Other General and Admin Expense D3231*E3223 0.00042 \$0.05 3232 Other General and Admin Expense D3231*E3223 0.00042 \$0.05 3233 Common Costs Sum(E326:E3332) \$0.019104 \$0.15 3234 Common Costs Sum(E326:E3332) \$0.019104 \$0.15 3236 Common Costs Sum(E326:E3332) \$0.019104				
3213 Network Support Assets D3213*E3209 0.014074 \$0.17 3214 General Support Assets D3214*E3209 0.057904 \$0.48 3215 General Purpose Computers D3215*E3209 0.040926 \$0.32 3216 Uncollectible D3216*E3209 0.001136 \$0.0 3217 Accounting & Finance Expense D3218*E3209 0.010471 \$0.0 3218 Human Resources Expense D3218*E3209 0.088149 \$0.5 3220 Intengibles D3219*E3209 0.088149 \$0.5 3221 Directly Attributed Costs D3220*E3209 0.002634 \$0.0 3221 Directly Attributed Costs Sum(E3212:E3220) \$2.0 3222 Zer E3212*E3221 \$9.7 3224 3223 TELRIC E3212*E3221 \$9.7 3224 3223 TELRIC E3212*E3221 \$9.7 3224 3225 Common 3226*E3223 0.008052 \$0.0 3227 Planning Expense D3226*E3223 0.009631 \$0.0 3228 External Relations Expense D3229*E3223 0.009631 \$0.0 3230 Other Procurement Expense D3230*E3223 0.000738 \$0.0 3231 Research & Dev		D2242*E2200	0.056430	CO 42
3214 General Support Assets D3214*E3209 0.057904 \$0.45 3215 General Purpose Computers D3215*E3209 0.040926 \$0.35 3216 Uncollectible D3216*E3209 0.001136 \$0.0° 3217 Accounting & Finance Expense D3217*E3209 0.010471 \$0.06 3218 Human Resources Expense D3218*E3209 0.009808 \$0.00 3219 Information Management Expense D3219*E3209 0.068149 \$0.53 3220 Intangibles D3220*E3209 0.002634 \$0.00 3221 Directly Attributed Costs Sum(E3212:E3220) \$2.0° 3222 Suze Sum(E3212:E3220) \$9.7° 3224 Suze Exercive Expense D3226*E3221 \$9.7° 3225 Common Suze Exercive Expense D3226*E3223 0.008652 \$0.00 3226 Executive Expense D3226*E3223 0.009681 \$0.05 3229 Legal Expense D3228*E3223 0.009681 \$0.05 3220 Legal Expense D3229*E3223 0.009681 \$0.05 3231 Research & Development Expense D3230*E3223 0.00772 \$0.05 3232 Other General and Admin Expense D3231*E3223 </td <td></td> <td></td> <td></td> <td></td>				
3215 General Purpose Computers D3215*E3209 0.040926 \$0.32 3216 Uncollectible D3216*E3209 0.001136 \$0.07 3217 Accounting & Finance Expense D3217*E3209 0.010471 \$0.06 3218 Human Resources Expense D3218*E3209 0.008808 \$0.06 3219 Information Management Expense D3219*E3209 0.068149 \$0.53 3220 Intangibles D3220*E3209 0.002634 \$0.00 3221 Directly Attributed Costs Sum(E3212:E3220) \$2.00 3222 Sum(E3212:E3220) \$2.00 3223 TELRIC E3212+E3221 \$9.77 3224 Sum(E3212*E3221) \$9.77 3225 Common Sum(E3212*E3223) 0.008052 \$0.06 3226 Executive Expense D3226*E3223 0.008052 \$0.06 3227 Planning Expense D3227*E3223 0.000682 \$0.07 3228 External Relations Expense D3228*E3223 0.009631 \$0.06 3230 Other Procurement Expense D3230*E3223 0.007338 \$0.07 3231 Research & Development Expense D3231*E3223 0.000042 \$0.06 3232 Other General a				
3216 Uncollectible D3216*E3209 0.001136 \$0.00 3217 Accounting & Finance Expense D3217*E3209 0.010471 \$0.00 3218 Human Resources Expense D3218*E3209 0.009808 \$0.05 3219 Information Management Expense D3219*E3209 0.068149 \$0.50 3220 Intangibles D3220*E3209 0.002634 \$0.00 3221 Directly Attributed Costs Sum(E3212:E3220) \$2.00 3222 TELRIC E3212*E3221 \$9.72 3224 3225 Common Sum(E322*E3223 0.008052 \$0.06 3226 Executive Expense D3226*E3223 0.008052 \$0.06 3227 Planning Expense D3227*E3223 0.009682 \$0.00 3228 External Relations Expense D3228*E3223 0.009631 \$0.00 3230 Other Procurement Expense D3230*E3223 0.00772 \$0.03 3231 Research & Development Expense D3231*E3223 0.000042 \$0.00 3232 Other General and Admin Expense D3232*E3223 0.000042 \$0.00 3233 Common Costs Sum(E3226:E3332) \$0.019104 \$0.15				
3217 Accounting & Finance Expense D3217*E3209 0.010471 \$0.08				
3218 Human Resources Expense D3218*E3209 0.009808 \$0.00 3219 Information Management Expense D3219*E3209 0.068149 \$0.55 3220 Intangibles D3220*E3209 0.002634 \$0.00 3221 Directly Attributed Costs Sum(E3212:E3220) \$2.00 3222 Sum(E3212:E3220) \$2.00 3224 Sum(E3212:E3221) \$9.72 3224 Sum(E3212:E3221) \$9.72 3225 Common Sum(E3212:E3223) 0.008052 \$0.00 3226 Executive Expense D3226*E3223 0.008052 \$0.00 3227 Planning Expense D3227*E3223 0.009631 \$0.00 3228 External Relations Expense D3228*E3223 0.009631 \$0.00 3229 Legal Expense D3230*E3223 0.007338 \$0.07 3230 Other Procurement Expense D3230*E3223 0.002772 \$0.00 3231 Research & Development Expense D3231*E3223 0.009042 \$0.00 3232 Common Costs Sum(E3226:E3232) \$0.019104 \$0.15 3234				
3219 Information Management Expense D3219*E3209 0.068149 \$0.53 3220 Intangibles D3220*E3209 0.002634 \$0.02 3221 Directly Attributed Costs Sum(E3212:E3220) \$2.0* 3222 Sum(E3212:E3221) \$9.72 3224 \$9.72 3225 Common \$9.72 3226 Executive Expense D3226*E3223 0.008052 \$0.06 3227 Planning Expense D3227*E3223 0.009682 \$0.07 3229 Legal Expense D3228*E3223 0.009631 \$0.00 3230 Other Procurement Expense D3229*E3223 0.007338 \$0.07 3231 Research & Development Expense D3231*E3223 0.00042 \$0.00 3232 Other General and Admin Expense D3231*E3223 0.000042 \$0.00 3233 Common Costs Sum(E3226:E3232) \$0.019104 \$0.15 3234				
Substitute	·			
Sum				
3222 3223 TELRIC E3212+E3221 \$9.72 3224 3225 Common 3226 Executive Expense 0.008052 \$0.06 3227 Planning Expense D3227*E3223 0.000682 \$0.07 3228 External Relations Expense D3228*E3223 0.009631 \$0.00 3229 Legal Expense D3229*E3223 0.007338 \$0.07 3230 Other Procurement Expense D3230*E3223 0.002772 \$0.00 3231 Research & Development Expense D3231*E3223 0.000042 \$0.00 3232 Other General and Admin Expense D3232*E3223 0.019104 \$0.15 3233 Common Costs Sum(E3226:E3232) \$0.41			0.002034	
3223 TELRIC 59.72 3224 3225 Common 3226 Executive Expense D3226*E3223 0.008052 \$0.08 3227 Planning Expense D3227*E3223 0.000682 \$0.00 3228 External Relations Expense D3228*E3223 0.009631 \$0.00 3229 Legal Expense D3229*E3223 0.007338 \$0.07 3230 Unit of the procurement Expense D3230*E3223 0.002772 \$0.00 3231 Research & Development Expense D3231*E3223 0.000772 \$0.00 3231 Research & D3231*E3223 0.000042 \$0.00 3232 Unit of the General and Admin Expense D3232*E3223 0.019104 \$0.15 3233 Common Costs Sum(E3226:E3232) \$0.46 3234 3234 \$0.0000000000000000000000000000000000		Sum(E3212.E3220)		Ψ2.01
3225 Common 3226 Executive Expense D3226*E3223 0.008052 \$0.06 3227 Planning Expense D3227*E3223 0.000682 \$0.07 3228 External Relations Expense D3228*E3223 0.009631 \$0.00 3229 Legal Expense D3229*E3223 0.007338 \$0.00 3230 Other Procurement Expense D3230*E3223 0.002772 \$0.00 3231 Research & Development Expense D3231*E3223 0.000042 \$0.00 3232 Other General and Admin Expense D3232*E3223 0.019104 \$0.15 3233 Common Costs Sum(E3226:E3232) \$0.46		E3212+E3221		\$9.72
3226 Executive Expense D3226*E3223 0.008052 \$0.08 3227 Planning Expense D3227*E3223 0.000682 \$0.07 3228 External Relations Expense D3228*E3223 0.009631 \$0.08 3229 Legal Expense D3229*E3223 0.007338 \$0.07 3230 Other Procurement Expense D3230*E3223 0.002772 \$0.03 3231 Research & Development Expense D3231*E3223 0.000042 \$0.00 3232 Other General and Admin Expense D3232*E3223 0.019104 \$0.15 3233 Common Costs Sum(E3226:E3232) \$0.46	3224			
3227 Planning Expense D3227*E3223 0.000682 \$0.00 3228 External Relations Expense D3228*E3223 0.009631 \$0.00 3229 Legal Expense D3229*E3223 0.007338 \$0.07 3230 Other Procurement Expense D3230*E3223 0.002772 \$0.00 3231 Research & Development Expense D3231*E3223 0.000042 \$0.00 3232 Other General and Admin Expense D3232*E3223 0.019104 \$0.15 3233 Common Costs Sum(E3226:E3232) \$0.46	3225 Common			
3228 External Relations Expense D3228*E3223 0.009631 \$0.09 3229 Legal Expense D3229*E3223 0.007338 \$0.07 3230 Other Procurement Expense D3230*E3223 0.002772 \$0.00 3231 Research & Development Expense D3231*E3223 0.000042 \$0.00 3232 Other General and Admin Expense D3232*E3223 0.019104 \$0.15 3233 Common Costs Sum(E3226:E3232) \$0.46	3226 Executive Expense	D3226*E3223	0.008052	\$0.08
3229 Legal Expense D3229*E3223 0.007338 \$0.07 3230 Other Procurement Expense D3230*E3223 0.002772 \$0.00 3231 Research & Development Expense D3231*E3223 0.000042 \$0.00 3232 Other General and Admin Expense D3232*E3223 0.019104 \$0.15 3233 Common Costs Sum(E3226:E3232) \$0.46	3227 Planning Expense	D3227*E3223	0.000682	\$0.01
3230 Other Procurement Expense D3230*E3223 0.002772 \$0.00 3231 Research & Development Expense D3231*E3223 0.000042 \$0.00 3232 Other General and Admin Expense D3232*E3223 0.019104 \$0.15 3233 Common Costs Sum(E3226:E3232) \$0.46 3234	3228 External Relations Expense	D3228*E3223	0.009631	\$0.09
3231 Research & Development Expense D3231*E3223 0.000042 \$0.00 3232 Other General and Admin Expense D3232*E3223 0.019104 \$0.19 3233 Common Costs Sum(E3226:E3232) \$0.46 3234	3229 Legal Expense	D3229*E3223	0.007338	\$0.07
3232 Other General and Admin Expense D3232*E3223 0.019104 \$0.19 3233 Common Costs Sum(E3226:E3232) \$0.46 3234	3230 Other Procurement Expense	D3230*E3223	0.002772	\$0.03
3233 Common Costs Sum(E3226:E3232) \$0.46 3234		D3231*E3223	0.000042	\$0.00
3234	3232 Other General and Admin Expense	D3232*E3223	0.019104	\$0.19
	3233 Common Costs	Sum(E3226:E3232)		\$0.46
3235 TELRIC + Common Costs E3223+E3233 \$10.10				
	3235 TELRIC + Common Costs	E3223+E3233		\$10.18

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\$36.84

51.10

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti Product Group: Interconnection

State: Washington

Total For Service:

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	В	C	D	E	F	G	Н	I
						B * (C Thru F)		H * (G/60)
DESIGN CHANGE mecahnized								
ADD								
-SERVICE DELIVERY COORDINATOR								
.75 probability is % asr's for new trunk groups versus trunk group augments7 probability reflects 30% reduction to work time estimates ordered.								
VALIDATE EXACT	2	1.000			0.700	1.40	\$40.03	\$0.93
VALIDATE TIRKS	5	1.000			0.700	3.50	\$40.03	\$2.34
ASSIGN NEW TSC TGMR/TRDB	4	1.000	0.750		0.700	2.10	\$40.03	\$1.40
INTRA-CO CALLS SUPP GCOCMA CALL DESIGN	1	1.000 1.000			0.700 0.700	0.70 0.70	\$40.03 \$40.03	\$0.47 \$0.47
FOC - EXACT	1	1.000			0.700	0.70	\$40.03	\$0.47 \$0.47
ORDER DIST TRK - ORDER VAL.	2	1.000			0.700	1.40	\$40.03	\$0.93
VALIDATE SOAC/TIRKS	1	1.000			0.700	0.70	\$40.03	\$0.47
ORDER COMPLETE VALIDATION	2	1.000			0.700	1.40	\$40.03	\$0.93
Subtotal - SERVICE DELIVERY COORDINATOR						12.60		\$8.41
-DESIGN								
Work is 100% manual.								
.7 probability reflects 30% reduction to work time estimates ordered.								
NAME AND LOG FACILITY	35	1.000			0.700	24.50	\$44.31	\$18.09
BUILD DRI AND WA	6	1.000			0.700	4.20	\$44.31	\$3.10
BUILD CIRCUIT DESIGN	10	1.000			0.700	7.00	\$44.31	\$5.17
CXRH & DISTRIBUTE DOC	4	1.000			0.700	2.80	\$44.31	\$2.07
Subtotal - DESIGN						38.50		\$28.43

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Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	
						B * (C Thru F)		H * (G/60)

DESIGN CHANGE mecahnized (con't)

3287 Direct Cost			\$36.84
3288			
3289	Cost	Cost	
3290	Calculation	Factor	Cost
3291	ВС	D	E
3292 Directly Assigned			
3293 Product Management Expense	D3293*E3287	0.040393	\$1.49
3294 Sales Expense	D3294*E3287	0.014960	\$0.55
3295 Product Advertising Expense	D3295*E3287	0.000000	\$0.00
3296 Business Fees (Other Operating Taxes)	D3296*Sum(E3287:E3295)	0.042595	<u>\$1.66</u>
3297 Directly Assigned Costs	Sum(E3287:E3296)		\$3.70
3298			
3299 Total Direct Costs	E3287+E3297		\$40.53
3300			
3301 Directly Attributed			
3302 Network Operations	D3302*E3299	0.056129	\$2.28
3303 Network Support Assets	D3303*E3299	0.014074	\$0.57
3304 General Support Assets	D3304*E3299	0.057904	\$2.35
3305 General Purpose Computers	D3305*E3299	0.040926	\$1.66
3306 Uncollectible	D3306*E3299	0.001136	\$0.05
3307 Accounting & Finance Expense	D3307*E3299	0.010471	\$0.42
3308 Human Resources Expense	D3308*E3299	0.009808	\$0.40
3309 Information Management Expense	D3309*E3299	0.068149	\$2.76
3310 Intangibles	D3310*E3299	0.002634	\$0.11
3311 Directly Attributed Costs	Sum(E3302:E3310)		\$10.59
3312 3313 TELRIC	E3302+E3311		\$51.12
3314 3314	E3302+E3311		φ51.12
3315 Common			
3316 Executive Expense	D3316*E3313	0.008052	\$0.41
3317 Planning Expense	D3316 E3313 D3317*E3313	0.000682	\$0.41
3318 External Relations Expense	D3317 E3313 D3318*E3313	0.000682	\$0.03
3319 Legal Expense	D3316 E3313 D3319*E3313	0.009631	\$0.49
3320 Other Procurement Expense	D3319 E3313 D3320*E3313	0.007338	\$0.36 \$0.14
3321 Research & Development Expense	D3320 E3313 D3321*E3313	0.002772	\$0.14
3322 Other General and Admin Expense	D3321 E3313 D3322*E3313	0.000042	\$0.00
3323 Common Costs	Sum(E3316:E3322)	0.019104	\$2.43
3324	Suiii(E3310.E3322)		φ∠.43
3325 TELRIC + Common Costs	E3313+E3323		\$53.56
COLO ILLIAO I GOMINION GOSTO	LOUIDTLOOLU		ψ00.00

Qwest Advice No. 3376T Page 441 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B Study Year: 2001

Analyst: Deffley/Eoriatti
Product Group: Interconnection

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G	Н	ı
						B * (C Thru F)		H * (G/60)
DESIGN CHANGE manual								
ADD*								
SERVICE DELIVERY COORDINATOR								
.75 probability is % asr's for new trunk groups versus trunk group augments.								
.7 probability reflects 30% reduction to work time estimates ordered.								
VÁLIDATE EXACT	2	1.000			0.700	1.40	\$40.03	\$0.
VALIDATE TIRKS	5	1.000			0.700	3.50	\$40.03	\$2.
ASSIGN NEW TSC TGMR/TRDB	4	1.000	0.750		0.700	2.10	\$40.03	\$1.
INTRA-CO CALLS	1	1.000			0.700	0.70	\$40.03	\$0
SUPP GCOCMA CALL DESIGN	1	1.000			0.700	0.70	\$40.03	\$0
FOC - EXACT	1	1.000			0.700	0.70	\$40.03	\$0
MANUAL HANDLING FOC/DLR	5	1.000			0.700	3.50	\$40.03	\$2
ORDER DIST TRK - ORDER VAL.	2	1.000			0.700	1.40	\$40.03	\$0
VALIDATE SOAC/TIRKS	1	1.000			0.700	0.70	\$40.03	\$0
ORDER COMPLETE VALIDATION	2	1.000			0.700	1.40	\$40.03	\$0
ıbtotal - SERVICE DELIVERY COORDINATOR						16.10		\$10.
ESIGN								
Work is 100% manual.								
.7 probability reflects 30% reduction to work time estimates ordered.								
NAME AND LOG FACILITY	35	1.000			0.700	24.50	\$44.31	\$18
BUILD DRI AND WA	6	1.000			0.700	4.20	\$44.31	\$3
BUILD CIRCUIT DESIGN	10	1.000			0.700	7.00	\$44.31	\$5
CXRH & DISTRIBUTE DOC	4	1.000			0.700	2.80	\$44.31	\$2
ototal - DESIGN						38.50		\$28
tal For Service:						54.60		\$39
nair or cornec.						57.00		Ψυυ

Qwest Advice No. 3376T Page 442 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	
						B * (C Thru F)		H * (G/60)

DESIGN CHANGE manual (con't)

3377 Direct Cost			\$39.17
3378			
3379	Cost	Cost	_
3380	Calculation	Factor	Cost
3381	ВС	D	E
3382 Directly Assigned			
3383 Product Management Expense	D3383*E3377	0.040393	\$1.58
3384 Sales Expense	D3384*E3377	0.014960	\$0.59
3385 Product Advertising Expense	D3385*E3377	0.000000	\$0.00
3386 Business Fees (Other Operating Taxes)	D3386*Sum(E3377:E3385)	0.042595	<u>\$1.76</u>
3387 Directly Assigned Costs	Sum(E3377:E3386)		\$3.93
3388			
3389 Total Direct Costs	E3377+E3387		\$43.10
3390			
3391 Directly Attributed			
3392 Network Operations	D3392*E3389	0.056129	\$2.42
3393 Network Support Assets	D3393*E3389	0.014074	\$0.61
3394 General Support Assets	D3394*E3389	0.057904	\$2.50
3395 General Purpose Computers	D3395*E3389	0.040926	\$1.76
3396 Uncollectible	D3396*E3389	0.001136	\$0.05
3397 Accounting & Finance Expense	D3397*E3389	0.010471	\$0.45
3398 Human Resources Expense	D3398*E3389	0.009808	\$0.42
3399 Information Management Expense	D3399*E3389	0.068149	\$2.94
3400 Intangibles	D3400*E3389	0.002634	\$0.11
3401 Directly Attributed Costs	Sum(E3392:E3400)		\$11.26
3402			
3403 TELRIC	E3392+E3401		\$54.36
3404			
3405 Common			
3406 Executive Expense	D3406*E3403	0.008052	\$0.44
3407 Planning Expense	D3407*E3403	0.000682	\$0.04
3408 External Relations Expense	D3408*E3403	0.009631	\$0.52
3409 Legal Expense	D3409*E3403	0.007338	\$0.40
3410 Other Procurement Expense	D3410*E3403	0.002772	\$0.15
3411 Research & Development Expense	D3411*E3403	0.000042	\$0.00
3412 Other General and Admin Expense	D3412*E3403	0.019104	\$1.04
3413 Common Costs	Sum(E3406:E3412)		\$2.59
3414			
3415 TELRIC + Common Costs	E3403+E3413		\$56.95

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Study Name: PART D FINAL ORDER NRC STUDY 7246 B Study Year: 2001

Analyst: Deffley/Eoriatti
Product Group: Interconnection

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	В	C	D	E	F	G B * (C Thru F)	Н	I H * (G/60)
UNE-P PBX DID TRUNKS EXISTING SERVICE mechanized								
<u>*ADD*</u>								
-INTERCONNECT SERVICE CENTER Time estimate(s) ordered by commission staff. Process order	6	1.000				6.00	\$40.03	\$4.00
Subtotal - INTERCONNECT SERVICE CENTER						6.00		\$4.00
-DESIGN Probability is percent of orders that require manual handling. .7 probability reflects 30% reduction to work time estimates ordered. Access Work Authorization Distribute to field	2 3	0.100 0.050			0.700 0.700		\$44.31 \$44.31	\$0.10 \$0.08
Subtotal - DESIGN						0.25		\$0.18
Total For Service:						6.25		\$4.18

Qwest Advice No. 3376T Page 444 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	
						B * (C Thru F)		H * (G/60)

UNE-P PBX DID TRUNKS EXISTING SERVICE mechanized (con't)

3467 Direct Cost			\$4.18
3468	<u> </u>		
3469	Cost	Cost	
3470	Calculation	Factor	Cost
3471	ВС	D	E
3472 Directly Assigned			
3473 Product Management Expense	D3473*E3467	0.040393	\$0.17
3474 Sales Expense	D3474*E3467	0.014960	\$0.06
3475 Product Advertising Expense	D3475*E3467	0.000000	\$0.00
3476 Business Fees (Other Operating Taxes)	D3476*Sum(E3467:E3475)	0.042595	\$0.19
3477 Directly Assigned Costs	Sum(E3467:E3476)		\$0.42
3478			
3479 Total Direct Costs	E3467+E3477		\$4.60
3480 3481 Directly Attributed			
3482 Network Operations	D3482*E3479	0.056129	\$0.26
3483 Network Support Assets	D3483*E3479	0.014074	\$0.06
3484 General Support Assets	D3484*E3479	0.057904	\$0.27
3485 General Purpose Computers	D3485*E3479	0.040926	\$0.19
3486 Uncollectible	D3486*E3479	0.001136	\$0.01
3487 Accounting & Finance Expense	D3487*E3479	0.010471	\$0.05
3488 Human Resources Expense	D3488*E3479	0.009808	\$0.05
3489 Information Management Expense	D3489*E3479	0.068149	\$0.31
3490 Intangibles	D3490*E3479	0.002634	\$0.01
3491 Directly Attributed Costs	Sum(E3482:E3490)	0.00200	\$1.20
3492	(· · · · · · · ·		• · · · · ·
3493 TELRIC	E3482+E3491		\$5.81
3494			
3495 Common			
3496 Executive Expense	D3496*E3493	0.008052	\$0.05
3497 Planning Expense	D3497*E3493	0.000682	\$0.00
3498 External Relations Expense	D3498*E3493	0.009631	\$0.06
3499 Legal Expense	D3499*E3493	0.007338	\$0.04
3500 Other Procurement Expense	D3500*E3493	0.002772	\$0.02
3501 Research & Development Expense	D3501*E3493	0.000042	\$0.00
3502 Other General and Admin Expense	D3502*E3493	0.019104	\$0.11
3503 Common Costs	Sum(E3496:E3502)		\$0.28
3504 3505 TELRIC + Common Costs	E3493+E3503		\$6.08
3000 TELRIC + COMMON COSIS	E3493+E3503		\$6.08

Qwest Advice No. 3376T Page 445 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	B	C	D	#3 E	#4 F	G B * (C Thru F)	H	I H * (G/60)
UNE-P PBX DID TRUNKS EXISTING SERVICE manual								
ADD								
-INTERCONNECT SERVICE CENTER								
.5 probability is percent of time this activity will occur.								
.7 probability reflects 30% reduction to work time estimates ordered. No manual times previously filed in this docket, therefore, current Qwest ISC times applied	,							
Review LSR for completeness and accuracy, contractual entries	3	1.000			0.700	2.10	\$40.03	\$1.40
Summary Bill List-Look up Billing Telephone Number, tax code, and bill date	2	1.000			0.700	1.40	\$40.03	\$0.93
Verify Qwest end user Customer Service Record if order issuance applicable to this product	2	1.000			0.700	1.40	\$40.03	\$0.93
Determine if the end user has Qwest directory advertising Determine if the end user has Qwest retail contract	1	1.000 1.000			0.700 0.700	0.70	\$40.03 \$40.03	\$0.47 \$0.47
Determine if the end user has givest retail contract Determine critical dates	1	1.000			0.700	0.70 0.70	\$40.03 \$40.03	\$0.47 \$0.47
If directory advertising or retail contract or both, issue order to remove information from account	1	0.500			0.700	0.35	\$40.03	\$0.23
Type, review and submit to customer the Firm Order Confirmation (FOC)	3	1.000			0.700	2.10	\$40.03	\$1.40
Input order into service order processor. Type and format order for billing and provisioning	10	1.000			0.700	7.00	\$40.03	\$4.67
Ensure order is successfully distributed to the systems and is ready for provisioning	3	1.000			0.700	2.10	\$40.03	\$1.40
Subtotal - INTERCONNECT SERVICE CENTER						18.55		\$12.38
-DESIGN								
Probability is percent of orders that require manual handling.								
.7 probability reflects 30% reduction to work time estimates ordered.								
Access Work Authorization	2	0.100			0.700	0.14	\$44.31	\$0.10
Distribute to field	3	0.050			0.700	0.11	\$44.31	\$0.08
Subtotal - DESIGN						0.25		\$0.18
Total For Service:						18.80		\$12.56

Qwest Advice No. 3376T Page 446 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G	Н	
						B * (C Thru F)		H * (G/60)

UNE-P PBX DID TRUNKS EXISTING SERVICE manual (con't)

3557 Direct Cost			\$12.56
3558			
3559	Cost	Cost	
3560	Calculation	Factor	Cost
3561	ВС	D	E
3562 Directly Assigned			
3563 Product Management Expense	D3563*E3557	0.040393	\$0.51
3564 Sales Expense	D3564*E3557	0.014960	\$0.19
3565 Product Advertising Expense	D3565*E3557	0.000000	\$0.00
3566 Business Fees (Other Operating Taxes)	D3566*Sum(E3557:E3565)	0.042595	\$0.56
3567 Directly Assigned Costs	Sum(E3557:E3566)		\$1.26
3568			
3569 Total Direct Costs	E3557+E3567		\$13.82
3570			
3571 Directly Attributed			
3572 Network Operations	D3572*E3569	0.056129	\$0.78
3573 Network Support Assets	D3573*E3569	0.014074	\$0.19
3574 General Support Assets	D3574*E3569	0.057904	\$0.80
3575 General Purpose Computers	D3575*E3569	0.040926	\$0.57
3576 Uncollectible	D3576*E3569	0.001136	\$0.02
3577 Accounting & Finance Expense	D3577*E3569	0.010471	\$0.14
3578 Human Resources Expense	D3578*E3569	0.009808	\$0.14
3579 Information Management Expense	D3579*E3569	0.068149	\$0.94
3580 Intangibles	D3580*E3569	0.002634	\$0.04
3581 Directly Attributed Costs	Sum(E3572:E3580)		\$3.61
3582	, ,		·-
3583 TELRIC	E3572+E3581		\$17.43
3584			
3585 Common			
3586 Executive Expense	D3586*E3583	0.008052	\$0.14
3587 Planning Expense	D3587*E3583	0.000682	\$0.01
3588 External Relations Expense	D3588*E3583	0.009631	\$0.17
3589 Legal Expense	D3589*E3583	0.007338	\$0.13
3590 Other Procurement Expense	D3590*E3583	0.002772	\$0.05
3591 Research & Development Expense	D3591*E3583	0.000042	\$0.00
3592 Other General and Admin Expense	D3592*E3583	0.019104	\$0.33
3593 Common Costs	Sum(E3586:E3592)		\$0.83
3594			
3595 TELRIC + Common Costs	E3583+E3593		\$18.26

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Study Name: PART D FINAL ORDER NRC STUDY 7246 B Study Year: 2001

Analyst: Deffley/Eoriatti
Product Group: Interconnection

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	I
						B * (C Thru F)		H * (G/60)
UNE-P PBX DID TRUNKS EXISTING SERVICE EACH ADDL mechanized								
ADD								
-INTERCONNECT SERVICE CENTER								
Input order into service order processor. Type and format order for billing and provisioning	3	1.000				3.00	\$40.03	\$2.
Subtotal - INTERCONNECT SERVICE CENTER						3.00		\$2.
-DESIGN								
Probability is percent of orders that require manual handling.								
.7 probability reflects 30% reduction to work time estimates ordered.								
Access Work Authorization	2	0.100			0.700	0.14	\$44.31	\$0.
Distribute to field	3	0.050			0.700	0.11	\$44.31	\$0.
Subtotal - DESIGN						0.25		\$0.
Total For Service:						3.25		\$2.

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Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	
						B * (C Thru F)		H * (G/60)

UNE-P PBX DID TRUNKS EXISTING SERVICE EACH ADDL mechanized (con't)

Cost	3647 Direct Cost			\$2.18
Sab	3648			
B C D E				
3652 Directly Assigned D3653*E3647 0.040393 3654 Sales Expense D3654*E3647 0.014980 3655 Product Management Expense D3654*E3647 0.000000 3655 Product Advertising Expense D3655*E3647 0.000000 3655 Product Advertising Expense D3655*E3647 0.000000 3655 Bainess Fees (Other Operating Taxes) D3655*E3647 0.000000 3655 Bainess Fees (Other Operating Taxes) D3655*E3647 0.000000 3656 Bainess Fees (Other Operating Taxes) D3655*E3647 0.000000 3656 Bainess Fees (Other Operating Taxes) D3655*E3659 0.042595 3658 3659 0.0402595 3658 3659 0.0402595 3659				Cost
3653 Product Management Expense D3653*E3647 0.040333 9.04033 9.05033 9.00000 9.0014906 9.000000 9.000000 9.000000 9.0000000 9.0000000 9.00000000 9.0000000000 9.0000000000 9.000000000000000000 9.000000000000000000000000000000000000	3651	ВС	D	E
3654 Sales Expense D3654*E3647 0.014960 9 3655 Product Advertising Expense D3655*E3647 0.000000 9 3657 Directly Assigned Costs Sum(E3647:E3656) 0.042595 9 3659 Total Direct Costs E3647+E3657 9 9 3660 Directly Attributed 9660 Directly Attributed 9660 Directly Attributed 9 0.056129 9 3663 Network Operations D3662*E3659 0.014074 9 <	3652 Directly Assigned	<u>- </u>		
3655 Product Advertising Expense D3656*E3647 0.000000 5 3656 Business Fees (Other Operating Taxes) D3656*Sum(E3647:E3655) 0.042595 5 3657 Directly Assigned Costs Sum(E3647:E3656)	3653 Product Management Expense	D3653*E3647	0.040393	\$0.09
3656 Business Fees (Other Operating Taxes) 3656 Business Fees (Other Operating Taxes) 5 5 5 5 5 5 5 5 5	3654 Sales Expense	D3654*E3647	0.014960	\$0.03
3657 Directly Assigned Costs E3647+E3656	3655 Product Advertising Expense	D3655*E3647	0.000000	\$0.00
3658 3659 Total Direct Costs E3647+E3657 S 3660 S 3660 S 3661 Directly Attributed S 3662 Network Operations D3662*E3659 D.056129 S 3663 Network Operations D3663*E3659 D.014074 S 3664 General Support Assets D3663*E3659 D.057904 S 3664 General Purpose Computers D3664*E3659 D.040926 S 3660 General Purpose Computers D3666*E3659 D.040926 S 3660 General Purpose Computers D3666*E3659 D.001136 S 3667 Accounting & Finance Expense D3666*E3659 D.001136 S 3669 C 3669	3656 Business Fees (Other Operating Taxes)	D3656*Sum(E3647:E3655)	0.042595	\$0.10
3659 Total Direct Costs E3647+E3657 S 3660 S 3661 Directly Attributed S 3662 Network Operations D3662*E3659 D.056129 S 3662 Network Support Assets D3663*E3659 D.014074 S 3664 General Support Assets D3664*E3659 D.057904 S 3665 General Purpose Computers D3665*E3659 D.040926 S 3666 Uncollectible D3666*E3659 D.001136 S 3667 Accounting & Finance Expense D3666*E3659 D.001136 S 3667 Accounting & Finance Expense D3667*E3659 D.001136 S 3668 Human Resources Expense D3668*E3659 D.009808 S 3669 Internation Management Expense D3668*E3659 D.068149 S 3670 Intangibles D3670*E3659 D.068149 S 3671 Directly Attributed Costs D3670*E3659 D.002634 S 3671 Directly Attributed Costs Sum(E3662:E3670) S 3672 S 3673 T T S 3674 S 3674 S 3674 S 3674 S 3675 Common S 3678*E3673 D.000682 S 3678*External Relations Expense D3678*E3673 D.000682 S 3679*Ea673 D.000682 S 3680*Ea673 D.0007338 S 3680*Ea673 D.0007338 S 3680*Ea673 D.000772 S 3681*Ea673 D.0007272 S 3681*Ea673 D.0007272 S 3681*Ea673 D.0007272 S 3681*Ea673 D.0007272 S 3682*Ea673 D.000042 S 3682*Ea673 D.0000042 S 3682*Ea673 D.00000000000000000000000000000000000	3657 Directly Assigned Costs	Sum(E3647:E3656)		\$0.22
3660 3661 Directly Attributed 3662 Network Operations D3662*E3659 0.056129 5 3663 Network Support Assets D3663*E3659 0.014074 5 3664 General Support Assets D3664*E3659 0.057904 5 3665 General Purpose Computers D3665*E3659 0.007904 5 3665 General Purpose Computers D3665*E3659 0.001136 5 3665 General Purpose Computers D3666*E3659 0.001136 5 3665 General Purpose Computers D3666*E3659 0.001136 5 3667 Accounting & Finance Expense D3667*E3659 0.010471 5 3674 Manan Resources Expense D3667*E3659 0.010471 5 3674 Manan Resources Expense D3669*E3659 0.068149 5 3670 Intangibles D3670*E3659 0.068149 5 3670 Intangibles D3670*E3659 0.002634 5 3671 Directly Attributed Costs Sum(E3662:E3670) S 3672 Directly Attributed Costs Sum(E3662:E3670) S 3673 TELRIC E3662*E3671 S 3674 E3662*E3673 0.008052 5 3673 TELRIC E3662*E3673 0.008052 5 3679 Epaning Expense D3677*E3673 0.008052 5 3679 Epaning Expense D3678*E3673 0.009631 5 3679 Egal Expense D3678*E3673 0.007338 5 3680 Common Costs D3680*E3673 0.007772 5 3681 E3663* S 3680 Common Costs S S S S S S S S S	3658			
3661 Directly Attributed 3662 Network Operations D3662*E3659 0.056129 5.063 Network Operations D3663*E3659 0.0140774 5.063 Network Support Assets D3664*E3659 0.057904 5.063 Network Support Assets D3664*E3659 0.057904 5.065 Network Support Assets D3665*E3659 0.040926 5.065 Network Support Assets D3665*E3659 0.040926 5.065 Network Support Assets D3665*E3659 0.040926 5.065 Network Support Assets D3665*E3659 0.001136 5.065 Network Support	3659 Total Direct Costs	E3647+E3657		\$2.40
3662 Network Operations D3662*E3659 0.056129 5 3663 Network Support Assets D3663*E3659 0.014074 5 3664 General Support Assets D3664*E3659 0.057904 5 3665 General Purpose Computers D3665*E3659 0.040926 5 3666 Uncollectible D3666*E3659 0.001136 5 3667 Accounting & Finance Expense D3666*E3659 0.010471 5 3668 Human Resources Expense D3668*E3659 0.00808 5 3669 Information Management Expense D3669*E3659 0.088149 5 3671 Intangibles D3667*E3659 0.088149 5 3672 Intangibles D3667*E3659 0.008634 5 3671 Directly Attributed Costs Sum(E362:E3670) 5 3672 Intangibles E3662+E3671 5 3673 TELRIC E3662+E3671 5 3674 Sexecutive Expense D3676*E3673 0.008052 5 3675 Palning Expense D3678*E3673 0.009631 5 3679 Expense D3679*E3673 0.007338 5 3680 Other Procurement Expense D3681*E3673 <t< td=""><td>3660</td><td></td><td></td><td></td></t<>	3660			
3663 Network Support Assets D3663*E3659 0.014074 56 3664 General Support Assets D3664*E3659 0.057904 5 3665 General Purpose Computers D3665*E3659 0.04926 5 3666 Uncollectible D3666*E3659 0.001136 5 3667 Accounting & Finance Expense D3666*E3659 0.010471 5 3668 Human Resources Expense D3669*E3659 0.09808 5 3670 Information Management Expense D3669*E3659 0.088149 3671 Directly Attributed Costs D3670*E3659 0.002634 5 3672 Sum(E3662:E3670) 5 3673 TELRIC E3662+E3671 5 3674 Sum(E3662:E3670) 5 3675 Common S676 Executive Expense D3676*E3673 0.00862 5 3677 Planning Expense D3678*E3673 0.009631 5 3678 External Relations Expense D3678*E3673 0.009631 5 3680 Other Procurement Expense D3680*E3673 0.007338 5 3681 Research & Development Expense D3681*E3673 0.0007272 5 3682 Other General and Admin Expen	3661 Directly Attributed			
3664 General Support Assets D3664*E3659 0.057904 53665 General Purpose Computers D3665*E3659 0.040926 53665 General Purpose Computers D3665*E3659 0.040926 53665 General Purpose Computers D3665*E3659 0.001136 53667 Accounting & Finance Expense D3667*E3659 0.010471 5368 Human Resources Expense D3668*E3659 0.009808 53689 Information Management Expense D3668*E3659 0.008149 53670 Intangibles D3670*E3659 0.008149 53671 Intangibles D3670*E3659 0.002634 53671 Directly Attributed Costs Sum(E3662:E3670) Sum(E3662:E3670) Sum(E3662:E3670) Sum(E3662:E3670) Sum(E3662:E3670) Sum(E3662:E3670) Sum(E3662:E3671) Sum(E3662:E3671) Sum(E3662:E3671) Sum(E3662:E3671) Sum(E3662:E3671) Sum(E3662:E3671) Sum(E3662:E3672) Sum(E3662:E3673) Sum(E3662:E3673) Sum(E3662:E3673) Sum(E3662:E3673) Sum(E3673:E3673) Sum(E3673:E3673) Sum(E3673:E3673) Sum(E3673:E3673) Sum(E3673:E3673) Sum(E3673:E3673) Sum(E3676:E3682) Sum	3662 Network Operations	D3662*E3659	0.056129	\$0.13
3665 General Purpose Computers D3665*E3659 0.040926 3 3666 Uncollectible D3666*E3659 0.001136 3 3667 Accounting & Finance Expense D3667*E3659 0.010471 3 3668 Human Resources Expense D3668*E3659 0.009808 3 3669 Information Management Expense D3669*E3659 0.068149 3 3671 Intangibles D3670*E3659 0.002634 3 3671 Directly Attributed Costs Sum(E3662:E3670) 3 3672 Sum(E3662:E3670) 3 3673 TELRIC E3662+E3671 3 3674 3675 Common 3 3676 Executive Expense D3676*E3673 0.008052 3677 Planning Expense D3677*E3673 0.000682 3678 External Relations Expense D3678*E3673 0.009631 3679 Legal Expense D3679*E3673 0.00772 3681 Research & Development Expense D3680*E3673 0.002772 3681 Research & Development Expense D3681*E3673 0.000042 3683 Common Costs Sum(E366:E3682)	3663 Network Support Assets	D3663*E3659	0.014074	\$0.03
3666 Uncollectible D3666*E3659 0.001136 3 3667 Accounting & Finance Expense D3667*E3659 0.010471 3 3668 Human Resources Expense D3668*E3659 0.009808 3 3669 Information Management Expense D3669*E3659 0.068149 3 3670 Intangibles D3670*E3659 0.002634 3 3671 Directly Attributed Costs Sum(E3662:E3670) 3 3672 E3662+E3671 3 3674 Sammen 3 3675 Common 3676 Executive Expense D3676*E3673 0.008052 3677 Planning Expense D3677*E3673 0.000682 3 3678 External Relations Expense D3678*E3673 0.007338 3 3680 Other Procurement Expense D3680*E3673 0.00772 3 3681 Research & Development Expense D3681*E3673 0.000042 3 3682 Other General and Admin Expense D3681*E3673 0.0019104 3 3684 Common Costs Sum(E3676:E3682) Sum(E3676:E3682)	3664 General Support Assets	D3664*E3659	0.057904	\$0.14
3667 Accounting & Finance Expense D3667*E3659 0.010471 368 3668 Human Resources Expense D3668*E3669 0.009808 369 3669 Information Management Expense D3669*E3659 0.068149 367 3670 Intangibles D3670*E3659 0.002634 367 3671 Directly Attributed Costs Sum(E3662:E3670) 367 3673 TELRIC E3662+E3671 367 3674 3675 Common 3676 Executive Expense D3676*E3673 0.008052 36 3677 Planning Expense D3677*E3673 0.000682 36 3678 External Relations Expense D3679*E3673 0.009631 36 3680 Other Procurement Expense D3680*E3673 0.002772 36 3681 Research & Development Expense D3681*E3673 0.000042 36 3682 Other General and Admin Expense D3682*E3673 0.019104 36 3684 Common Costs Sum(E3676:E3682) 0.019104	3665 General Purpose Computers	D3665*E3659	0.040926	\$0.10
3668 Human Resources Expense D3668*E3659 0.009808 3 3669 Information Management Expense D3669*E3659 0.068149 3 3670 Intangibles D3670*E3659 0.002634 3 3671 Directly Attributed Costs Sum(E3662:E3670) 3 3672 Sum(E3662:E3670) 3 3674 3674 3674 3675 Common 3676 Executive Expense D3676*E3673 0.008052 3 3676 Executive Expense D3677*E3673 0.000682 3 3678 External Relations Expense D3678*E3673 0.009631 3 3679 Legal Expense D3679*E3673 0.007338 3 3680 Other Procurement Expense D3680*E3673 0.002772 3 3681 Research & Development Expense D3681*E3673 0.000042 3 3682 Other General and Admin Expense D3682*E3673 0.019104 3 3684 Common Costs Sum(E3676:E3682) 5	3666 Uncollectible	D3666*E3659	0.001136	\$0.00
3669 Information Management Expense D3669*E3659 0.068149 3670 Intangibles D3670*E3659 0.002634 5870 Intangibles D3670*E3659 0.002634 5870 Intangibles D3670*E3659 0.002634 5870 Intangibles D3670*E3659 0.002634 5870 Intangibles D3672 Intangibles D3672 Intangibles D3673 Intangibles D3674 Intangibles D3674 Intangibles D3674 Intangibles D3674 Intangibles D3674 Intangibles D3677*E3673 0.008052 Intangibles D3677*E3673 0.008052 Intangibles D3678*E3673 0.009631 Intangibles D3678*E3673 D3679*E3673 D3679*E3673	3667 Accounting & Finance Expense	D3667*E3659	0.010471	\$0.03
3670 Intangibles D3670*E3659 0.002634 S 3671 Directly Attributed Costs Sum(E3662:E3670) Sum(E3662:E3670) Sum(E3662:E3670) Sum(E3673 TELRIC Sum(E3662:E3671 Sum(E3662:E3671 Sum(E3674 Sum(E3674 Sum(E3674 Sum(E3674 Sum(E3674 Sum(E3674 Sum(E3674 Sum(E3673 Sum(E3676:E3682) Sum(E3676	3668 Human Resources Expense	D3668*E3659	0.009808	\$0.02
3670 Intangibles D3670*E3659 0.002634 S	3669 Information Management Expense	D3669*E3659	0.068149	\$0.16
3672 3673 TELRIC E3662+E3671 State		D3670*E3659	0.002634	\$0.01
3672 3673 TELRIC 3674 3675 Common 3676 Executive Expense 3677 Planning Expense 3678 External Relations Expense 3678 Legal Expense 3679 Legal Expense 3679 Legal Expense 3680 Other Procurement Expense 3681 Research & Development Expense 3681 Research & Development Expense 3682 Other General and Admin Expense 3683 Common Costs 3684	3671 Directly Attributed Costs	Sum(E3662:E3670)		\$0.63
3674 3675 Common 3676 Executive Expense 3677 Planning Expense 3678 External Relations Expense 3678 External Relations Expense 3679 Legal Expense 3679 Legal Expense 3680 Other Procurement Expense 3681 Research & Da680*E3673 3690 Legal Expense 3682 Other General and Admin Expense 3683 Other Procurement Expense 3684 Sexternal Relations Expense 3685 Common Costs 3686		,		
3675 Common 3676 Executive Expense D3676*E3673 0.008052 5 3677 Planning Expense D3677*E3673 0.000682 5 3678 External Relations Expense D3678*E3673 0.009631 5 3679 Legal Expense D3679*E3673 0.007338 5 3680 Other Procurement Expense D3680*E3673 0.002772 5 3681 Research & Development Expense D3681*E3673 0.000042 5 3682 Other General and Admin Expense D3682*E3673 0.019104 5 3683 Common Costs Sum(E3676:E3682) 5	3673 TELRIC	E3662+E3671		\$3.03
3676 Executive Expense D3676*E3673 0.008052 3 3677 Planning Expense D3677*E3673 0.000682 3 3678 External Relations Expense D3678*E3673 0.009631 3 3679 Legal Expense D3679*E3673 0.007338 3 3680 Other Procurement Expense D3680*E3673 0.002772 3 3681 Research & Development Expense D3681*E3673 0.000042 3 3682 Other General and Admin Expense D3682*E3673 0.019104 3 3683 Common Costs Sum(E3676:E3682) 5	3674			
3677 Planning Expense D3677*E3673 0.000682 3678 3678 External Relations Expense D3678*E3673 0.009631 3678 3679 Legal Expense D3679*E3673 0.007338 3680 3680 Other Procurement Expense D3680*E3673 0.002772 3681 3681 Research & Development Expense D3681*E3673 0.000042 3682 3682 Other General and Admin Expense D3682*E3673 0.019104 3682 3683 Common Costs Sum(E3676:E3682) 3684	3675 Common			
3678 External Relations Expense D3678*E3673 0.009631 367 3679 Legal Expense D3679*E3673 0.007338 368 3680 Other Procurement Expense D3680*E3673 0.002772 368 3681 Research & Development Expense D3681*E3673 0.000042 368 3682 Other General and Admin Expense D3682*E3673 0.019104 368 3683 Common Costs Sum(E3676:E3682) 3684	3676 Executive Expense	D3676*E3673	0.008052	\$0.02
3679 Legal Expense D3679*E3673 0.007338 S 3680 Other Procurement Expense D3680*E3673 0.002772 S 3681 Research & Development Expense D3681*E3673 0.000042 S 3682 Other General and Admin Expense D3682*E3673 0.019104 S 3683 Common Costs Sum(E3676:E3682) S	3677 Planning Expense	D3677*E3673	0.000682	\$0.00
3680 Other Procurement Expense D3680*E3673 0.002772 3681 3681 Research & Development Expense D3681*E3673 0.000042 3682 3682 Other General and Admin Expense D3682*E3673 0.019104 3683 3683 Common Costs Sum(E3676:E3682) 5 3684 Sum(E3676:E3682) 5	3678 External Relations Expense	D3678*E3673	0.009631	\$0.03
3681 Research & Development Expense D3681*E3673 0.000042 3682 3682 Other General and Admin Expense D3682*E3673 0.019104 3682 3683 Common Costs Sum(E3676:E3682) 3684	3679 Legal Expense	D3679*E3673	0.007338	\$0.02
3682 Other General and Admin Expense D3682*E3673 0.019104 S 3683 Common Costs Sum(E3676:E3682) S 3684	3680 Other Procurement Expense	D3680*E3673	0.002772	\$0.01
3683 Common Costs Sum(E3676:E3682) 5	3681 Research & Development Expense	D3681*E3673	0.000042	\$0.00
3684	3682 Other General and Admin Expense	D3682*E3673	0.019104	\$0.06
	3683 Common Costs	Sum(E3676:E3682)		\$0.14
3685 TFI RIC + Common Costs F3673+F3683	3684			
COOC I LETTO I COMMON COOC	3685 TELRIC + Common Costs	E3673+E3683		\$3.17

Qwest Advice No. 3376T Page 449 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B Study Year: 2001

Analyst: Deffley/Eoriatti
Product Group: Interconnection

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	В	C	D	E E	F	G	H	I
						B * (C Thru F)		H * (G/60)
UNE-P PBX DID TRUNKS EXISTING SERVICE EACH ADDL manual								
ADD								
-INTERCONNECT SERVICE CENTER								
No manual times previously filed in this docket, therefore, current Qwest ISC times applied. Input order into service order processor. Type and format order for billing and provisioning	3	1.000				3.00	\$40.03	\$2.00
Subtotal - INTERCONNECT SERVICE CENTER						3.00		\$2.00
-DESIGN								
Probability is percent of orders that require manual handling.								
.7 probability reflects 30% reduction to work time estimates ordered. Access Work Authorization	2	0.100			0.700	0.14	\$44.31	\$0.10
Distribute to field	3	0.050			0.700		\$44.31	\$0.08
Distribute to fish	J	0.000			0.700	0.11	ψ14.01	φ0.00
Subtotal - DESIGN						0.25		\$0.18
Total For Service:						3.25		\$2.18

Qwest Advice No. 3376T Page 450 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	
						B * (C Thru F)		H * (G/60)

UNE-P PBX DID TRUNKS EXISTING SERVICE EACH ADDL manual (con't)

3737 Direct Cost			\$2.18
3738			
3739	Cost	Cost	
3740	Calculation	Factor	Cost
3741	ВС	D	E
3742 Directly Assigned	<u></u>		
3743 Product Management Expense	D3743*E3737	0.040393	\$0.09
3744 Sales Expense	D3744*E3737	0.014960	\$0.03
3745 Product Advertising Expense	D3745*E3737	0.000000	\$0.00
3746 Business Fees (Other Operating Taxes)	D3746*Sum(E3737:E3745)	0.042595	\$0.10
3747 Directly Assigned Costs	Sum(E3737:E3746)		\$0.22
3748			
3749 Total Direct Costs	E3737+E3747		\$2.40
3750			
3751 Directly Attributed			
3752 Network Operations	D3752*E3749	0.056129	\$0.13
3753 Network Support Assets	D3753*E3749	0.014074	\$0.03
3754 General Support Assets	D3754*E3749	0.057904	\$0.14
3755 General Purpose Computers	D3755*E3749	0.040926	\$0.10
3756 Uncollectible	D3756*E3749	0.001136	\$0.00
3757 Accounting & Finance Expense	D3757*E3749	0.010471	\$0.03
3758 Human Resources Expense	D3758*E3749	0.009808	\$0.02
3759 Information Management Expense	D3759*E3749	0.068149	\$0.16
3760 Intangibles	D3760*E3749	0.002634	\$0.01
3761 Directly Attributed Costs	Sum(E3752:E3760)		\$0.63
3762			
3763 TELRIC	E3752+E3761		\$3.03
3764			
3765 Common			
3766 Executive Expense	D3766*E3763	0.008052	\$0.02
3767 Planning Expense	D3767*E3763	0.000682	\$0.00
3768 External Relations Expense	D3768*E3763	0.009631	\$0.03
3769 Legal Expense	D3769*E3763	0.007338	\$0.02
3770 Other Procurement Expense	D3770*E3763	0.002772	\$0.01
3771 Research & Development Expense	D3771*E3763	0.000042	\$0.00
3772 Other General and Admin Expense	D3772*E3763	0.019104	\$0.06
3773 Common Costs	Sum(E3766:E3772)		\$0.14
3774			
3775 TELRIC + Common Costs	E3763+E3773		\$3.17

Qwest Advice No. 3376T Page 451 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B Study Year: 2001

Analyst: Deffley/Eoriatti
Product Group: Interconnection

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	B	C	D	E	F	G B * (C Thru F)	Н	H * (G/60)
UNE-P ISDN BRI EXISTING SERVICE FIRST mechanized								
ADD								
-INTERCONNECT SERVICE CENTER Time estimate(s) ordered by commission staff. Process order	6	1.000				6.00	\$40.03	\$4.00
Subtotal - INTERCONNECT SERVICE CENTER						6.00		\$4.00
-DESIGN Probability is percent of orders that require manual handling. .7 probability reflects 30% reduction to work time estimates ordered. Access Work Authorization Distribute to field	2 3	0.100 0.050			0.700 0.700		\$44.31 \$44.31	\$0.10 \$0.08
Subtotal - DESIGN						0.25		\$0.1
Total For Service:						6.25		\$4.18

Qwest Advice No. 3376T Page 452 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	[
						B * (C Thru F)		H * (G/60)

UNE-P ISDN BRI EXISTING SERVICE FIRST mechanized (con't)

3827 Direct Cost			\$4.18
3828			
3829	Cost	Cost	
3830	Calculation	Factor	Cost
3831	ВС	D	E
3832 Directly Assigned			
3833 Product Management Expense	D3833*E3827	0.040393	\$0.17
3834 Sales Expense	D3834*E3827	0.014960	\$0.06
3835 Product Advertising Expense	D3835*E3827	0.000000	\$0.00
3836 Business Fees (Other Operating Taxes)	D3836*Sum(E3827:E3835)	0.042595	\$0.19
3837 Directly Assigned Costs	Sum(E3827:E3836)		\$0.42
3838			0.1.00
3839 Total Direct Costs	E3827+E3837		\$4.60
3840 3841 Directly Attributed			
3842 Network Operations	D3842*E3839	0.056129	\$0.26
3843 Network Support Assets	D3843*E3839	0.014074	\$0.06
3844 General Support Assets	D3844*E3839	0.057904	\$0.27
3845 General Purpose Computers	D3845*E3839	0.040926	\$0.19
3846 Uncollectible	D3846*E3839	0.001136	\$0.01
3847 Accounting & Finance Expense	D3847*E3839	0.010471	\$0.05
3848 Human Resources Expense	D3848*E3839	0.009808	\$0.05
3849 Information Management Expense	D3849*E3839	0.068149	\$0.31
3850 Intangibles	D3850*E3839	0.002634	\$0.01
3851 Directly Attributed Costs	Sum(E3842:E3850)	0.002001	\$1.20
3852			Ψ
3853 TELRIC	E3842+E3851		\$5.81
3854			
3855 Common			
3856 Executive Expense	D3856*E3853	0.008052	\$0.05
3857 Planning Expense	D3857*E3853	0.000682	\$0.00
3858 External Relations Expense	D3858*E3853	0.009631	\$0.06
3859 Legal Expense	D3859*E3853	0.007338	\$0.04
3860 Other Procurement Expense	D3860*E3853	0.002772	\$0.02
3861 Research & Development Expense	D3861*E3853	0.000042	\$0.00
3862 Other General and Admin Expense	D3862*E3853	0.019104	\$0.11
3863 Common Costs	Sum(E3856:E3862)		\$0.28
3864	<u> </u>	<u> </u>	
3865 TELRIC + Common Costs	E3853+E3863		\$6.08

Qwest Advice No. 3376T Page 453 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

Work Item	I ime Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	В	С	D	Ē	F	G B * (C Thru F)	Н	H * (G/60)
UNE-P ISDN BRI EXISTING SERVICE FIRST manual								
ADD								
-INTERCONNECT SERVICE CENTER								
.5 probability is percent of time this activity will occur.								
.7 probability reflects 30% reduction to work time estimates ordered.								
No manual times previously filed in this docket, therefore, current Qwest ISC times applied.		4.000			0.700	0.40	# 40.00	0.4 4.
Review LSR for completeness and accuracy, contractual entries CPPD look-up billing USOC's for co-provider	3	1.000 1.000			0.700 0.700	2.10 1.40	\$40.03 \$40.03	\$1.4 \$0.9
Summary Bill List-Look up Billing Telephone Number, tax code, and bill date	2	1.000			0.700	1.40	\$40.03 \$40.03	\$0.9 \$0.9
Verify Qwest end user Customer Service Record if order issuance applicable to this product	2	1.000			0.700	1.40	\$40.03	\$0.9
Determine if the end user has Qwest directory advertising	1	1.000			0.700	0.70	\$40.03	\$0.4
Determine if the end user has Qwest retail contract	1	1.000			0.700	0.70	\$40.03	\$0.4
Determine critical dates	1	1.000			0.700	0.70	\$40.03	\$0.4
If directory advertising or retail contract or both, issue order to remove information from account	1	0.500			0.700	0.35	\$40.03	\$0.2
Type, review and submit to customer the Firm Order Confirmation (FOC)	3	1.000			0.700	2.10	\$40.03	\$1.4
Input order into service order processor. Type and format order for billing and provisioning	10	1.000			0.700 0.700	7.00 2.10	\$40.03	\$4.67
Ensure order is successfully distributed to the systems and is ready for provisioning	3	1.000			0.700	2.10	\$40.03	\$1.40
Subtotal - INTERCONNECT SERVICE CENTER						19.95		\$13.31
DESIGN								
Probability is percent of orders that require manual handling.								
.7 probability reflects 30% reduction to work time estimates ordered.								
Access Work Authorization	2	0.100			0.700	0.14	\$44.31	\$0.1
Distribute to field	3	0.050			0.700	0.11	\$44.31	\$0.08
Subtotal - DESIGN						0.25		\$0.1
Fotal For Commiss.						20.20		640.40
Total For Service:						20.20		\$13.49

Qwest Advice No. 3376T Page 454 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	
						B * (C Thru F)		H * (G/60)

UNE-P ISDN BRI EXISTING SERVICE FIRST manual (con't)

3917 Direct Cost			\$13.49
3918			
3919	Cost	Cost	
3920	Calculation	Factor	Cost
3921	ВС	D	E
3922 Directly Assigned	<u>-</u>		
3923 Product Management Expense	D3923*E3917	0.040393	\$0.54
3924 Sales Expense	D3924*E3917	0.014960	\$0.20
3925 Product Advertising Expense	D3925*E3917	0.000000	\$0.00
3926 Business Fees (Other Operating Taxes)	D3926*Sum(E3917:E3925)	0.042595	<u>\$0.61</u>
3927 Directly Assigned Costs	Sum(E3917:E3926)		\$1.35
3928			
3929 Total Direct Costs	E3917+E3927		\$14.84
3930 3931 Directly Attributed			
3932 Network Operations	D3932*E3929	0.056129	\$0.83
3933 Network Support Assets	D3932 E3929 D3933*E3929	0.014074	\$0.03
3934 General Support Assets	D3934*E3929	0.057904	\$0.86
3935 General Purpose Computers	D3935*E3929	0.040926	\$0.61
3936 Uncollectible	D3936*E3929	0.001136	\$0.02
3937 Accounting & Finance Expense	D3937*E3929	0.010471	\$0.16
3938 Human Resources Expense	D3938*E3929	0.009808	\$0.15
3939 Information Management Expense	D3939*E3929	0.068149	\$1.01
3940 Intangibles	D3940*E3929	0.002634	\$0.04
3941 Directly Attributed Costs	Sum(E3932:E3940)		\$3.88
3942	, , , , , , , , , , , , , , , , , , , ,		
3943 TELRIC	E3932+E3941		\$18.72
3944			
3945 Common			
3946 Executive Expense	D3946*E3943	0.008052	\$0.15
3947 Planning Expense	D3947*E3943	0.000682	\$0.01
3948 External Relations Expense	D3948*E3943	0.009631	\$0.18
3949 Legal Expense	D3949*E3943	0.007338	\$0.14
3950 Other Procurement Expense	D3950*E3943	0.002772	\$0.05
3951 Research & Development Expense	D3951*E3943	0.000042	\$0.00
3952 Other General and Admin Expense	D3952*E3943	0.019104	\$0.36
3953 Common Costs 3954	Sum(E3946:E3952)		\$0.89
3955 TELRIC + Common Costs	E3943+E3953		\$19.61
0000 ILLINO + Odililion Costs	LUJHUTLUJUU		ψ19.01

Qwest Advice No. 3376T Page 455 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B Study Year: 2001

Analyst: Deffley/Eoriatti
Product Group: Interconnection

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	В	С	D	E	F	G B * (C Thru F)	Н	I H * (G/60)
UNE-P ISDN BRI EXISTING SERVICE EACH ADDL mechanized								
ADD								
-INTERCONNECT SERVICE CENTER Input order into service order processor. Type and format order for billing and provisioning	3	1.000				3.00	\$40.03	\$2.00
Subtotal - INTERCONNECT SERVICE CENTER						3.00		\$2.00
-DESIGN Probability is percent of orders that require manual handling7 probability reflects 30% reduction to work time estimates ordered. Access Work Authorization Distribute to field	2 3	0.100 0.050			0.700 0.700		\$44.31 \$44.31	\$0.10 \$0.08
Subtotal - DESIGN						0.25		\$0.18
Total For Service:						3.25		\$2.18

Qwest Advice No. 3376T Page 456 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	
						B * (C Thru F)		H * (G/60)

UNE-P ISDN BRI EXISTING SERVICE EACH ADDL mechanized (con't)

4007 Direct Cost			\$2.18
4008			
4009	Cost	Cost	_
4010	Calculation	Factor	Cost
4011	ВС	D	E
4012 Directly Assigned	·		
4013 Product Management Expense	D4013*E4007	0.040393	\$0.09
4014 Sales Expense	D4014*E4007	0.014960	\$0.03
4015 Product Advertising Expense	D4015*E4007	0.000000	\$0.00
4016 Business Fees (Other Operating Taxes)	D4016*Sum(E4007:E4015)	0.042595	\$0.10
4017 Directly Assigned Costs	Sum(E4007:E4016)		\$0.22
4018			
4019 Total Direct Costs	E4007+E4017		\$2.40
4020			
4021 Directly Attributed			
4022 Network Operations	D4022*E4019	0.056129	\$0.13
4023 Network Support Assets	D4023*E4019	0.014074	\$0.03
4024 General Support Assets	D4024*E4019	0.057904	\$0.14
4025 General Purpose Computers	D4025*E4019	0.040926	\$0.10
4026 Uncollectible	D4026*E4019	0.001136	\$0.00
4027 Accounting & Finance Expense	D4027*E4019	0.010471	\$0.03
4028 Human Resources Expense	D4028*E4019	0.009808	\$0.02
4029 Information Management Expense	D4029*E4019	0.068149	\$0.16
4030 Intangibles	D4030*E4019	0.002634	\$0.01
4031 Directly Attributed Costs	Sum(E4022:E4030)		\$0.63
4032	,		
4033 TELRIC	E4022+E4031		\$3.03
4034			
4035 Common			
4036 Executive Expense	D4036*E4033	0.008052	\$0.02
4037 Planning Expense	D4037*E4033	0.000682	\$0.00
4038 External Relations Expense	D4038*E4033	0.009631	\$0.03
4039 Legal Expense	D4039*E4033	0.007338	\$0.02
4040 Other Procurement Expense	D4040*E4033	0.002772	\$0.01
4041 Research & Development Expense	D4041*E4033	0.000042	\$0.00
4042 Other General and Admin Expense	D4042*E4033	0.019104	\$0.06
4043 Common Costs	Sum(E4036:E4042)		\$0.14
4044			,
4045 TELRIC + Common Costs	E4033+E4043		\$3.17

Qwest Advice No. 3376T Page 457 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B Study Year: 2001

Analyst: Deffley/Eoriatti
Product Group: Interconnection

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	В	C	D	E	F	G	Н	I
						B * (C Thru F)		H * (G/60)
UNE-P ISDN BRI EXISTING SERVICE EACH ADDL manual								
ADD								
-INTERCONNECT SERVICE CENTER								
No manual times previously filed in this docket, therefore, current Qwest ISC times applied. Input order into service order processor. Type and format order for billing and provisioning	3	1.000				3.00	\$40.03	\$2.00
Subtotal - INTERCONNECT SERVICE CENTER						3.00		\$2.00
-DESIGN								
Probability is percent of orders that require manual handling.								
.7 probability reflects 30% reduction to work time estimates ordered. Access Work Authorization	2	0.100			0.700	0.14	\$44.31	\$0.10
Distribute to field	3	0.050			0.700		\$44.31	\$0.08
Subtotal - DESIGN						0.25		\$0.18
Total For Service:						3.25		\$2.18

Qwest Advice No. 3376T Page 458 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	[
						B * (C Thru F)		H * (G/60)

UNE-P ISDN BRI EXISTING SERVICE EACH ADDL manual (con't)

4097 Direct Cost			\$2.18
4098			
4099	Cost	Cost	
4100	Calculation	Factor	Cost
4101	ВС	D	E
4102 Directly Assigned			
4103 Product Management Expense	D4103*E4097	0.040393	\$0.09
4104 Sales Expense	D4104*E4097	0.014960	\$0.03
4105 Product Advertising Expense	D4105*E4097	0.000000	\$0.00
4106 Business Fees (Other Operating Taxes)	D4106*Sum(E4097:E4105)	0.042595	<u>\$0.10</u>
4107 Directly Assigned Costs	Sum(E4097:E4106)		\$0.22
4108			
4109 Total Direct Costs	E4097+E4107		\$2.40
4110 4111 Directly Attributed			
4111 Directly Attributed 4112 Network Operations	D4112*E4109	0.056129	\$0.13
4113 Network Support Assets	D4113*E4109	0.030129	\$0.13
4114 General Support Assets	D4114*E4109	0.057904	\$0.03
4115 General Purpose Computers	D4114 E4109 D4115*E4109	0.040926	\$0.14
4116 Uncollectible	D4116*E4109	0.040920	\$0.00
4117 Accounting & Finance Expense	D4117*E4109	0.011471	\$0.00
4117 Accounting & Finance Expense 4118 Human Resources Expense	D4117 E4109 D4118*E4109	0.009808	\$0.03 \$0.02
4119 Information Management Expense	D4119*E4109	0.068149	\$0.02
4120 Intangibles	D4119 E4109 D4120*E4109	0.002634	\$0.10
4120 Intelligibles 4121 Directly Attributed Costs	Sum(E4112:E4120)	0.002034	\$0.63
4121 Directly Attributed Costs	Sulli(E4112:E4120)		φ0.03
4123 TELRIC	E4112+E4121		\$3.03
4124			
4125 Common			
4126 Executive Expense	D4126*E4123	0.008052	\$0.02
4127 Planning Expense	D4127*E4123	0.000682	\$0.00
4128 External Relations Expense	D4128*E4123	0.009631	\$0.03
4129 Legal Expense	D4129*E4123	0.007338	\$0.02
4130 Other Procurement Expense	D4130*E4123	0.002772	\$0.01
4131 Research & Development Expense	D4131*E4123	0.000042	\$0.00
4132 Other General and Admin Expense	D4132*E4123	0.019104	\$0.06
4133 Common Costs	Sum(E4126:E4132)		\$0.14
4134	E4400 E4400		00.4 7
4135 TELRIC + Common Costs	E4123+E4133		\$3.17

Qwest Advice No. 3376T Page 459 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B Study Year: 2001

Analyst: Deffley/Eoriatti

Product Group: Interconnection

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	В	С	D	E	F	G B * (C Thru F)	Н	I H * (G/60)
UNE-P ISDN PRI, DSS Per DS1 Facility EXISTING SERVICE mechanized								
ADD								
-INTERCONNECT SERVICE CENTER Time estimate(s) ordered by commission staff. Process order	6	1.000				6.00	\$40.03	\$4.00
Subtotal - INTERCONNECT SERVICE CENTER						6.00		\$4.00
-DESIGN Probability is percent of orders that require manual handling7 probability reflects 30% reduction to work time estimates ordered. Access Work Authorization Distribute to field	2 3	0.100 0.050			0.700 0.700		\$44.31 \$44.31	\$0.10 \$0.00
Subtotal - DESIGN						0.25		\$0.1
Total For Service:						6.25		\$4.18

Qwest Advice No. 3376T Page 460 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	[
						B * (C Thru F)		H * (G/60)

UNE-P ISDN PRI, DSS Per DS1 Facility EXISTING SERVICE mechanized (con't)

4187 Direct Cost			\$4.18
4188			
4189	Cost	Cost	
4190	Calculation	Factor	Cost
4191	ВС	D	E
4192 Directly Assigned			
4193 Product Management Expense	D4193*E4187	0.040393	\$0.17
4194 Sales Expense	D4194*E4187	0.014960	\$0.06
4195 Product Advertising Expense	D4195*E4187	0.000000	\$0.00
4196 Business Fees (Other Operating Taxes)	D4196*Sum(E4187:E4195)	0.042595	<u>\$0.19</u>
4197 Directly Assigned Costs	Sum(E4187:E4196)		\$0.42
4198			
4199 Total Direct Costs	E4187+E4197		\$4.60
4200			
4201 Directly Attributed			
4202 Network Operations	D4202*E4199	0.056129	\$0.26
4203 Network Support Assets	D4203*E4199	0.014074	\$0.06
4204 General Support Assets	D4204*E4199	0.057904	\$0.27
4205 General Purpose Computers	D4205*E4199	0.040926	\$0.19
4206 Uncollectible	D4206*E4199	0.001136	\$0.01
4207 Accounting & Finance Expense	D4207*E4199	0.010471	\$0.05
4208 Human Resources Expense	D4208*E4199	0.009808	\$0.05
4209 Information Management Expense	D4209*E4199	0.068149	\$0.31
4210 Intangibles	D4210*E4199	0.002634	\$0.01
4211 Directly Attributed Costs	Sum(E4202:E4210)		\$1.20
4212 4213 TELRIC	E4202+E4211		\$5.81
4214 4214	L4202TL4211		ψ5.01
4215 Common			
4216 Executive Expense	D4216*E4213	0.008052	\$0.05
4217 Planning Expense	D4217 E4213	0.000682	\$0.00
4218 External Relations Expense	D4217 E4213 D4218*E4213	0.009631	\$0.06
4219 Legal Expense	D4210 E4213	0.003331	\$0.04
4220 Other Procurement Expense	D4220*E4213	0.007330	\$0.04
4221 Research & Development Expense	D4221*E4213	0.000042	\$0.02
4222 Other General and Admin Expense	D4222*E4213	0.019104	\$0.00
4223 Common Costs	Sum(E4216:E4222)	0.010104	\$0.28
4224	Odin(LTE10.LTEEL)		ψ0.20
4225 TELRIC + Common Costs	E4213+E4223		\$6.08
			\$0.00

Qwest Advice No. 3376T Page 461 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B Study Year: 2001

Analyst: Deffley/Eoriatti

Product Group: Interconnection

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	В	С	D	Е	F	G B * (C Thru F)	Н	I H * (G/60)
UNE-P ISDN PRI, DSS Per DS1 Facility EXISTING SERVICE manual								
ADD								
-INTERCONNECT SERVICE CENTER								
.5 probability is percent of time this activity will occur.								
.7 probability reflects 30% reduction to work time estimates ordered. No manual times previously filed in this docket, therefore, current Qwest ISC times applied.								
Review LSR for completeness and accuracy, contractual entries	3	1.000			0.700	2.10	\$40.03	\$1.40
Summary Bill List-Look up Billing Telephone Number, tax code, and bill date	2	1.000			0.700	1.40	\$40.03	\$0.93
Verify Qwest end user Customer Service Record if order issuance applicable to this product	2	1.000			0.700	1.40	\$40.03	\$0.93
Determine if the end user has Qwest retail contract	1	1.000			0.700	0.70	\$40.03	\$0.47
Determine critical dates If directory advertising or retail contract or both, issue order to remove information from account	1	1.000 0.500			0.700 0.700	0.70 0.35	\$40.03 \$40.03	\$0.47 \$0.23
Type, review and submit to customer the Firm Order Confirmation (FOC)	3	1.000			0.700	2.10	\$40.03	\$1.40
Input order into service order processor. Type and format order for billing and provisioning	10	1.000			0.700	7.00	\$40.03	\$4.67
Ensure order is successfully distributed to the systems and is ready for provisioning	3	1.000			0.700	2.10	\$40.03	\$1.40
Subtotal - INTERCONNECT SERVICE CENTER						17.85		\$11.91
-DESIGN								
Probability is percent of orders that require manual handling.								
.7 probability reflects 30% reduction to work time estimates ordered.	_							
Access Work Authorization Distribute to field	2	0.100 0.050			0.700 0.700	0.14 0.11	\$44.31 \$44.31	\$0.10 \$0.08
Distribute to field	3	0.050			0.700	0.11	Ф44.31	\$0.08
Subtotal - DESIGN						0.25		\$0.18
Total For Service:						18.10		\$12.09

Qwest Advice No. 3376T Page 462 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	[
						B * (C Thru F)		H * (G/60)

UNE-P ISDN PRI, DSS Per DS1 Facility EXISTING SERVICE manual (con't)

4277 Direct Cost			\$12.09
4278			
4279	Cost	Cost	
4280	Calculation	Factor	Cost
4281	ВС	D	E
4282 Directly Assigned			
4283 Product Management Expense	D4283*E4277	0.040393	\$0.49
4284 Sales Expense	D4284*E4277	0.014960	\$0.18
4285 Product Advertising Expense	D4285*E4277	0.000000	\$0.00
4286 Business Fees (Other Operating Taxes)	D4286*Sum(E4277:E4285)	0.042595	<u>\$0.54</u>
4287 Directly Assigned Costs	Sum(E4277:E4286)		\$1.21
4288			A 10.00
4289 Total Direct Costs	E4277+E4287		\$13.30
4290 4291 Directly Attributed			
4292 Network Operations	D4292*E4289	0.056129	\$0.75
4293 Network Support Assets	D4293*E4289	0.014074	\$0.19
4294 General Support Assets	D4294*E4289	0.057904	\$0.77
4295 General Purpose Computers	D4295*E4289	0.040926	\$0.54
4296 Uncollectible	D4296*E4289	0.001136	\$0.02
4297 Accounting & Finance Expense	D4297*E4289	0.010471	\$0.14
4298 Human Resources Expense	D4298*E4289	0.009808	\$0.13
4299 Information Management Expense	D4299*E4289	0.068149	\$0.91
4300 Intangibles	D4300*E4289	0.002634	\$0.04
4301 Directly Attributed Costs	Sum(E4292:E4300)		\$3.48
4302	,		
4303 TELRIC	E4292+E4301		\$16.78
4304 4305 Common			
4306 Executive Expense	D4306*E4303	0.008052	\$0.14
4307 Planning Expense	D4307*E4303	0.000682	\$0.01
4308 External Relations Expense	D4308*E4303	0.009631	\$0.16
4309 Legal Expense	D4309*E4303	0.007338	\$0.10
4310 Other Procurement Expense	D4310*E4303	0.002772	\$0.05
4311 Research & Development Expense	D4311*E4303	0.000042	\$0.00
4312 Other General and Admin Expense	D4312*E4303	0.019104	\$0.32
4313 Common Costs	Sum(E4306:E4312)	2.2.0.01	\$0.80
4314			+1.00
4315 TELRIC + Common Costs	E4303+E4313		\$17.58

Qwest Advice No. 3376T Page 463 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B Study Year: 2001

Analyst: Deffley/Eoriatti
Product Group: Interconnection

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	В	С	D	E	F	G B * (C Thru F)	Н	I H * (G/60)
UNE-P ISDN PRI, DSS Per First Trunk EXISTING SERVICE mechanized								
<u>*ADD*</u>								
-INTERCONNECT SERVICE CENTER								
Time estimate(s) ordered by commission staff. Process order	6	1.000				6.00	\$40.03	\$4.00
Subtotal - INTERCONNECT SERVICE CENTER						6.00		\$4.00
-DESIGN								
Probability is percent of orders that require manual handling. 7 probability reflects 30% reduction to work time estimates ordered.								
Access Work Authorization	2	0.100			0.700	0.14	\$44.31	\$0.10
Distribute to field	3	0.050			0.700	0.11	\$44.31	\$0.08
Subtotal - DESIGN						0.25		\$0.18
Total For Service:						6.25		\$4.18

Qwest Advice No. 3376T Page 464 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	[
						B * (C Thru F)		H * (G/60)

UNE-P ISDN PRI, DSS Per First Trunk EXISTING SERVICE mechanized (con't)

4367 Direct Cost			\$4.18
4368			
4369	Cost	Cost	
4370	Calculation	Factor	Cost
4371	ВС	D	E
4372 Directly Assigned			
4373 Product Management Expense	D4373*E4367	0.040393	\$0.17
4374 Sales Expense	D4374*E4367	0.014960	\$0.06
4375 Product Advertising Expense	D4375*E4367	0.000000	\$0.00
4376 Business Fees (Other Operating Taxes)	D4376*Sum(E4367:E4375)	0.042595	<u>\$0.19</u>
4377 Directly Assigned Costs	Sum(E4367:E4376)		\$0.42
4378			
4379 Total Direct Costs	E4367+E4377		\$4.60
4380			
4381 Directly Attributed			_
4382 Network Operations	D4382*E4379	0.056129	\$0.26
4383 Network Support Assets	D4383*E4379	0.014074	\$0.06
4384 General Support Assets	D4384*E4379	0.057904	\$0.27
4385 General Purpose Computers	D4385*E4379	0.040926	\$0.19
4386 Uncollectible	D4386*E4379	0.001136	\$0.01
4387 Accounting & Finance Expense	D4387*E4379	0.010471	\$0.05
4388 Human Resources Expense	D4388*E4379	0.009808	\$0.05
4389 Information Management Expense	D4389*E4379	0.068149	\$0.31
4390 Intangibles	D4390*E4379	0.002634	\$0.01
4391 Directly Attributed Costs	Sum(E4382:E4390)		\$1.20
4392			
4393 TELRIC	E4382+E4391		\$5.81
4394			
4395 Common			•••
4396 Executive Expense	D4396*E4393	0.008052	\$0.05
4397 Planning Expense	D4397*E4393	0.000682	\$0.00
4398 External Relations Expense	D4398*E4393	0.009631	\$0.06
4399 Legal Expense	D4399*E4393	0.007338	\$0.04
4400 Other Procurement Expense	D4400*E4393	0.002772	\$0.02
4401 Research & Development Expense	D4401*E4393	0.000042	\$0.00
4402 Other General and Admin Expense	D4402*E4393	0.019104	\$0.11
4403 Common Costs	Sum(E4396:E4402)		\$0.28
4404	F4000 F4400		00.00
4405 TELRIC + Common Costs	E4393+E4403		\$6.08

Qwest Advice No. 3376T Page 465 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B Study Year: 2001

Analyst: Deffley/Eoriatti
Product Group: Interconnection

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	В	C	D	E	F	G B * (C Thru F)	Н	I H * (G/60)
UNE-P ISDN PRI, DSS Per First Trunk EXISTING SERVICE manual								
<u>*ADD*</u>								
-INTERCONNECT SERVICE CENTER								
.5 probability is percent of time this activity will occur.								
.7 probability reflects 30% reduction to work time estimates ordered.								
No manual times previously filed in this docket, therefore, current Qwest ISC times applied. Review LSR for completeness and accuracy, contractual entries	3	1.000			0.700	2.10	\$40.03	\$1.40
Summary Bill List-Look up Billing Telephone Number, tax code, and bill date	2	1.000			0.700	1.40	\$40.03	\$0.93
Verify Qwest end user Customer Service Record if order issuance applicable to this product	2	1.000			0.700	1.40	\$40.03	\$0.93
Determine if the end user has Qwest directory advertising	1	1.000			0.700	0.70	\$40.03	\$0.47
Determine if the end user has Qwest retail contract	1	1.000			0.700	0.70	\$40.03	\$0.47
Determine critical dates If directory advertising or retail contract or both, issue order to remove information from account	1	1.000 0.500			0.700 0.700	0.70 0.35	\$40.03 \$40.03	\$0.47 \$0.23
Type, review and submit to customer the Firm Order Confirmation (FOC)	3	1.000			0.700	2.10	\$40.03	\$0.23 \$1.40
Input order into service order processor. Type and format order for billing and provisioning	10	1.000			0.700	7.00	\$40.03	\$4.67
Ensure order is successfully distributed to the systems and is ready for provisioning	3	1.000			0.700	2.10	\$40.03	\$1.40
Subtotal - INTERCONNECT SERVICE CENTER						18.55		\$12.38
-DESIGN								
Probability is percent of orders that require manual handling.								
.7 probability reflects 30% reduction to work time estimates ordered.								
Access Work Authorization	2	0.100			0.700	0.14	\$44.31	\$0.10
Distribute to field	3	0.050			0.700	0.11	\$44.31	\$0.08
Subtotal - DESIGN						0.25		\$0.18
Total For Service:						18.80		\$12.56

Qwest Advice No. 3376T Page 466 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	
						B * (C Thru F)		H * (G/60)

UNE-P ISDN PRI, DSS Per First Trunk EXISTING SERVICE manual (con't)

A465 Product Ådvertising Expense D446F-E4457 0.000000 \$0.00	4457 Direct Cost			\$12.56
Add Common Comm	4458			
Haf-1 Froduct Management Expense D4463*E4457 D.4040333 S.5.1	4459	Cost	Cost	
Add Directly Assigned	4460	Calculation	Factor	Cost
4463 Product Management Expense D4463*E4457 0.040333 \$0.51 4464 Sales Expense D4464*E4457 0.014960 \$0.19 4465 Product Advertising Expense D4465*E4457 0.000000 \$0.00 4466 Business Fees (Other Operating Taxes) D4466*Sum(E4457:E4465) 0.042595 \$0.56 4467 Directly Assigned Costs Sum(E4457:E4466) \$1.52 4469 Total Direct Costs Sum(E4457:E4466) \$1.52 4469 Total Direct Costs Sum(E4457:E4466) \$1.52 4470 Sum (E4457:E4466) \$1.52 4470 Sum (E4457:E4466) \$1.52 4471 Directly Attributed \$1.42 4472 Network Operations D4472*E4469 0.056129 \$0.78 4473 Network Operations D4473*E4469 0.014074 \$0.19 4474 General Support Assets D4473*E4469 0.05740 \$0.80 4475 General Purpose Computers D4475*E4469 0.0014074 \$0.19 4476 Directly Attributed D4475*E4469 0.0014074 \$0.19 4477 Accounting & Finance Expense D4475*E4469 0.001471 \$0.14 4478 Human Resources Expense D4476*E4469 0.001471 \$0.14 4478 Human Resources Expense D4478*E4469 0.008149 \$0.04 4480 Intangibles D4480*E4469 0.008149 \$0.04 4481 Directly Attributed Costs Sum (E4472:E4480) \$0.068149 \$0.04 4482 Sum (E4472:E4480) \$0.00805 \$0.14 4485 Common Sum (E4472:E4481 \$0.00805 \$0.14 4487 Planning Expense D4480*E4483 0.00062 \$0.01 4488 Expense D4480*E4483 0.00063 \$0.01 4489 External Relations Expense D4490*E4483 0.000733 \$0.13 4490 Other Procurement Expense D4490*E4483 0.000733 \$0.13 4491 Research & Development Expense D4490*E4483 0.000772 \$0.05 4491 Research & Development Expense D4490*E4483 0.000772 \$0.05 4491 Research & Development Expense D4490*E4483 0.000772 \$0.05 4492 Other General and Admin Expense D4490*E4483 0.000772 \$0.05 4493 Common Costs Sum (E4486*E4492) \$0.05 4493 Common Costs Sum (E4486*E4492) \$0.05 4493 Common Costs Sum (E4486*E4492	4461	ВС	D	Е
4464 Sales Expense D4465*E4457 0.014960 \$0.19 4465 Product Advertising Expense D4466*E4457 0.000000 \$0.00 4465 Product Advertising Expense D4466*Sum(E4457:E4465) 0.042595 \$0.56 4467 Directly Assigned Costs Sum(E4457:E4466) Sum(E4457:E4469)	4462 Directly Assigned			
A466 Product Advertising Expense D4466*Sum(E4457:E4465) 0.00000 \$0.00	4463 Product Management Expense	D4463*E4457	0.040393	\$0.51
A466 Business Fees (Other Operating Taxes)	4464 Sales Expense	D4464*E4457	0.014960	\$0.19
4468 Sum(E4457:E4466) \$1.26	4465 Product Advertising Expense	D4465*E4457	0.000000	\$0.00
4468	4466 Business Fees (Other Operating Taxes)	D4466*Sum(E4457:E4465)	0.042595	\$0.56
4469 Total Direct Costs	4467 Directly Assigned Costs	Sum(E4457:E4466)		\$1.26
4470				
1471 Directly Attributed D4472*E4469 0.056129 \$0.78 \$0.473*E4469 0.014074 \$0.19473*E4469 0.014074 \$0.19474*E4469 0.057904 \$0.80 \$0.473*E4469 0.057904 \$0.80 \$0.475*E4469 0.040926 \$0.57904 \$0.80 \$0.475*E4469 \$0.001136 \$0.02 \$0.57904 \$0.80 \$0.475*E4469 \$0.001136 \$0.02 \$0.57904 \$0.001136 \$0.02 \$0.57904 \$0.001136 \$0.02 \$0.001136 \$0.02 \$0.001136 \$0.02 \$0.001136 \$0.02 \$0.001136 \$0.02 \$0.001136 \$0.02 \$0.001136 \$0.02 \$0.001136 \$0.02 \$0.001136 \$0.02 \$0.001136 \$0.02 \$0.00136 \$0.0		E4457+E4467		\$13.82
4472 Network Operations D4472*E4469 0.056129 \$0.78 4473 Network Support Assets D4473*E4469 0.014074 \$0.19 4474 General Support Assets D4475*E4469 0.057904 \$0.80 4475 General Purpose Computers D4475*E4469 0.040926 \$0.57 4476 Uncollectible D4476*E4469 0.001136 \$0.02 4477 Accounting & Finance Expense D4478*E4469 0.010471 \$0.14 4478 Human Resources Expense D4478*E4469 0.00808 \$0.14 4479 Information Management Expense D4479*E4469 0.068149 \$0.94 4481 Directly Attributed Costs Sum(E4472:E4480) \$3.04 4482 Very Sum(E4472:E4480) \$3.04 4483 TELRIC E4472*E4481 \$1.743 4484 Very Sum(E4472:E4480) \$3.04 4485 Common Sum(E4482*E4483 0.00862 \$0.01 4486 Executive Expense D4486*E4483 0.009631 \$0.17 4487 Planning Expense D4488*E4483 0.009631 \$0.17 4489 Cypense D4489*E4483 0.009631 \$0.17 4489 Legal Expense D				
4473 Network Support Assets D4473*E4469 0.014074 \$0.19 4474 General Support Assets D4474*E4469 0.057904 \$0.80 4475 General Purpose Computers D4475*E4469 0.040926 \$0.57 4476 Uncollectible D4475*E4469 0.001136 \$0.02 4477 Accounting & Finance Expense D4477*E4469 0.010471 \$0.14 4478 Human Resources Expense D4478*E4469 0.00808 \$0.14 4479 Information Management Expense D4479*E4469 0.068149 \$0.94 4480 Intangibles D4480*E4469 0.002634 \$0.04 4481 Verification Management Expense Sum(E4472:E4480) \$3.61 4482 Verification Management Expense Sum(E4472:E4480) \$3.61 4483 TELRIC E4472*E4481 \$17.43 4484 Verification Management Expense D4486*E4483 0.008052 \$0.14 4484 Verification Management Expense D4486*E4483 0.008052 \$0.14 4485 Tellow E4472*E4481 \$17.43 4486 Executive Expense D4486*E4483 0.009631 \$0.17 4487 Planning Expense D4489*E4483 0.009631 \$0.17				
4474 General Support Assets D4474*E4469 0.057904 \$0.80 4475 General Purpose Computers D4475*E4469 0.040926 \$0.57 4476 Loncollectible D4476*E4469 0.001136 \$0.02 4477 Accounting & Finance Expense D4477*E4469 0.010471 \$0.14 4478 Human Resources Expense D4478*E4469 0.009808 \$0.14 4479 Information Management Expense D4479*E4469 0.068149 \$0.94 4481 Integrated Costs D4480*E4469 0.002634 \$0.04 4482 Verence Sum(E4472:E4480) \$3.61 4483 TELRIC E4472+E4481 \$17.43 4484 Verence P4486*E4483 0.008052 \$0.14 4487 Planning Expense D4486*E4483 0.000682 \$0.01 4488 External Relations Expense D4489*E4483 0.009631 \$0.17 4489 Legal Expense D4489*E4483 0.007338 \$0.13 4490 Other Procurement Expense D4490*E4483 0.002772 \$0.05 4491 Research & Development Expense D4490*E4483 0.0007338 \$0.13 4492 Other General and Admin Expense D4492*E4483 0.019104<				
4475 General Purpose Computers D4475*E4469 0.040926 \$0.57 4476 Uncollectible D4476*E4469 0.001136 \$0.02 4477 Accounting & Finance Expense D4477*E4469 0.010471 \$0.14 4478 Human Resources Expense D4478*E4469 0.09808 \$0.14 4479 Information Management Expense D4479*E4469 0.068149 \$0.94 4480 Intangibles D4480*E4469 0.002634 \$0.04 4481 Directly Attributed Costs Sum(E4472:E4480) \$3.61 4482 Tellic \$17.43 4484 Tellic \$17.43 4485 Common Common \$1.44 4486 Executive Expense D4486*E4483 0.008052 \$0.01 4487 Planning Expense D4487*E4483 0.000682 \$0.01 4488 External Relations Expense D4488*E4483 0.009631 \$0.17 4489 Legal Expense D4489*E4483 0.007338 \$0.13 4491 Research & Development Expense D4490*E4483 0.002772 \$0.05 4492 Other General and Admin Expense D4491*E4483 0.000042 \$0.00 4493 Common Costs Sum(E4486:E4492) \$				
4476 Uncollectible D4476*E4469 0.001136 \$0.02 4477 Accounting & Finance Expense D4477*E4469 0.010471 \$0.14 4478 Human Resources Expense D4478*E4469 0.009808 \$0.14 4479 Information Management Expense D4479*E4469 0.068149 \$0.94 4480 Intangibles D4480*E4469 0.002634 \$0.04 4481 Directly Attributed Costs Sum(E4472:E4480) \$3.61 4482 *** *** 4483 TELRIC E4472*E4481 \$17.43 4484 Value *** *** 4486 Executive Expense D4486*E4483 0.008052 \$0.14 4487 Planning Expense D4488*E4483 0.000682 \$0.01 4488 External Relations Expense D4488*E4483 0.007338 \$0.17 4489 Legal Expense D4489*E4483 0.007338 \$0.13 4490 Other Procurement Expense D4490*E4483 0.002772 \$0.05 4491 Research & Development Expense D4491*E4483 0.000042 \$0.00 4492 Other General and Admin Expense D4492*E4483 0.019104 \$0.33 4094 Other General and Admin Expens				
4477 Accounting & Finance Expense D4477*E4469 0.010471 \$0.14 4478 Human Resources Expense D4478*E4469 0.009808 \$0.14 4479 Information Management Expense D4479*E4469 0.068149 \$0.04 4480 Intangibles D4480*E4469 0.002634 \$0.04 4481 Directly Attributed Costs Sum(E4472:E4480) \$3.61 4482 **** **** \$17.43 4484 *** **** **** **** **** \$17.43 4485 *** **** <td></td> <td></td> <td></td> <td></td>				
4478 Human Resources Expense D4478*E4469 0.009808 \$0.14 4479 Information Management Expense D4479*E4469 0.068149 \$0.94 4480 Intangibles D4480*E4469 0.002634 \$0.04 4481 Directly Attributed Costs Sum(E4472:E4480) \$3.61 4482 TELRIC E4472+E4481 \$17.43 4484 Hats Common Televity Expense D4486*E4483 0.008052 \$0.14 4487 Planning Expense D4487*E4483 0.000682 \$0.01 4488 External Relations Expense D4488*E4483 0.009631 \$0.17 4489 Legal Expense D4489*E4483 0.007338 \$0.13 4490 Other Procurement Expense D4490*E4483 0.002772 \$0.05 4491 Research & Development Expense D4491*E4483 0.000042 \$0.00 4492 Other General and Admin Expense D4492*E4483 0.019104 \$0.33 4493 Common Costs Sum(E4486:E4492) \$0.83				
4479 Information Management Expense D4479*E4469 0.068149 \$0.94 4480 Intangibles D4480*E4469 0.002634 \$0.04 4481 Directly Attributed Costs Sum(E4472:E4480) \$3.61 4482 Sum(E4472:E4481) \$17.43 4484 E4472*E4481 \$17.43 4485 Common P4486 Executive Expense P4486*E4483 0.008052 \$0.14 4487 Planning Expense P4487*E4483 0.000682 \$0.01 4488 External Relations Expense P4488*E4483 0.009631 \$0.17 4489 Legal Expense P4489*E4483 0.007338 \$0.13 4490 Other Procurement Expense P4490*E4483 0.002772 \$0.05 4491 Research & Development Expense P4491*E4483 0.000042 \$0.00 4492 Other General and Admin Expense P4491*E4483 0.01104 \$0.33 Common Costs Sum(E4486:E4492) \$0.83 4494				
4480 Intangibles D4480*E4469 0.002634 \$0.04 4481 Directly Attributed Costs Sum(E4472:E4480) \$3.61 4482 Sum(E4472:E4481) \$17.43 4484 E4472*E4481 \$17.43 4485 Common D4486*E4483 0.008052 \$0.14 4487 Planning Expense D4487*E4483 0.000682 \$0.01 4488 Leternal Relations Expense D4488*E4483 0.009631 \$0.17 4489 Legal Expense D4489*E4483 0.007338 \$0.13 4490 Other Procurement Expense D4490*E4483 0.002772 \$0.05 4491 Research & Development Expense D4491*E4483 0.000042 \$0.00 4492 Other General and Admin Expense D4492*E4483 0.019104 \$0.33 Common Costs Sum(E4486:E4492) \$0.83 4494	· · · · · · · · · · · · · · · · · · ·			
4481 Directly Attributed Costs Sum(E4472:E4480) \$3.61 4482 4483 TELRIC E4472+E4481 \$17.43 4484 4484 4485 Common D4486*E4483 0.008052 \$0.14 4487 Planning Expense D4487*E4483 0.000682 \$0.01 4488 External Relations Expense D4488*E4483 0.009631 \$0.17 4489 Legal Expense D4489*E4483 0.007338 \$0.13 4490 Other Procurement Expense D4490*E4483 0.002772 \$0.05 4491 Research & Development Expense D4491*E4483 0.000042 \$0.00 4492 Other General and Admin Expense D4492*E4483 0.019104 \$0.33 Common Costs Sum(E4486:E4492) \$0.83 4494				
4482 4483 TELRIC E4472+E4481 \$17.43 4484 4485 Common Common Common 4486 Executive Expense D4486*E4483 0.008052 \$0.14 4487 Planning Expense D4487*E4483 0.000682 \$0.01 4488 External Relations Expense D4488*E4483 0.009631 \$0.17 4489 Legal Expense D4489*E4483 0.007338 \$0.13 4490 Other Procurement Expense D4490*E4483 0.002772 \$0.05 4491 Research & Development Expense D4491*E4483 0.000042 \$0.00 4492 Other General and Admin Expense D4492*E4483 0.019104 \$0.33 4493 Common Costs Sum(E4486:E4492) \$0.83			0.002634	
4483 TELRIC E4472+E4481 \$17.43 4484 4485 Common \$17.43 \$17.43 4486 Executive Expense D4486*E4483 0.008052 \$0.14 4487 Planning Expense D4487*E4483 0.000682 \$0.01 4488 External Relations Expense D4488*E4483 0.009631 \$0.17 4489 Legal Expense D4489*E4483 0.007338 \$0.13 4490 Other Procurement Expense D4490*E4483 0.002772 \$0.05 4491 Research & Development Expense D4491*E4483 0.000042 \$0.00 4492 Other General and Admin Expense D4492*E4483 0.019104 \$0.33 4493 Common Costs Sum(E4486:E4492) \$0.83 4494		Sum(E4472:E4480)		\$3.61
4484 4485 Common 4486 Executive Expense D4486*E4483 0.008052 \$0.14 4487 Planning Expense D4487*E4483 0.000682 \$0.01 4488 External Relations Expense D4488*E4483 0.009631 \$0.17 4489 Legal Expense D4489*E4483 0.007338 \$0.13 4490 Other Procurement Expense D4490*E4483 0.002772 \$0.05 4491 Research & Development Expense D4491*E4483 0.000042 \$0.00 4492 Other General and Admin Expense D4492*E4483 0.019104 \$0.33 Common Costs Sum(E4486:E4492) \$0.83		F4470 - F4404		647.40
4485 Common D4486*E4483 0.008052 \$0.14 4487 Planning Expense D4487*E4483 0.000682 \$0.01 4488 External Relations Expense D4488*E4483 0.009631 \$0.17 4489 Legal Expense D4489*E4483 0.007338 \$0.13 4490 Other Procurement Expense D4490*E4483 0.002772 \$0.05 4491 Research & Development Expense D4491*E4483 0.000042 \$0.00 4492 Other General and Admin Expense D4492*E4483 0.019104 \$0.33 Common Costs Sum(E4486:E4492) \$0.83		E4472+E4481		\$17.43
4486 Executive Expense D4486*E4483 0.008052 \$0.14 4487 Planning Expense D4487*E4483 0.000682 \$0.01 4488 External Relations Expense D4488*E4483 0.009631 \$0.17 4489 Legal Expense D4489*E4483 0.007338 \$0.13 4490 Other Procurement Expense D4490*E4483 0.002772 \$0.05 4491 Research & Development Expense D4491*E4483 0.000042 \$0.00 4492 Other General and Admin Expense D4492*E4483 0.019104 \$0.33 4493 Common Costs Sum(E4486:E4492) \$0.83				
4487 Planning Expense D4487*E4483 0.000682 \$0.01 4488 External Relations Expense D4488*E4483 0.009631 \$0.17 4489 Legal Expense D4489*E4483 0.007338 \$0.13 4490 Other Procurement Expense D4490*E4483 0.002772 \$0.05 4491 Research & Development Expense D4491*E4483 0.000042 \$0.00 4492 Other General and Admin Expense D4492*E4483 0.019104 \$0.33 4493 Common Costs Sum(E4486:E4492) \$0.83		D4486*E4483	0.008052	\$0.14
4488 External Relations Expense D4488*E4483 0.009631 \$0.17 4489 Legal Expense D4489*E4483 0.007338 \$0.13 4490 Other Procurement Expense D4490*E4483 0.002772 \$0.05 4491 Research & Development Expense D4491*E4483 0.000042 \$0.00 4492 Other General and Admin Expense D4492*E4483 0.019104 \$0.33 4493 Common Costs Sum(E4486:E4492) \$0.83				
4489 Legal Expense D4489*E4483 0.007338 \$0.13 4490 Other Procurement Expense D4490*E4483 0.002772 \$0.05 4491 Research & Development Expense D4491*E4483 0.000042 \$0.00 4492 Other General and Admin Expense D4492*E4483 0.019104 \$0.33 4493 Common Costs Sum(E4486:E4492) \$0.83 4494				
4490 Other Procurement Expense D4490*E4483 0.002772 \$0.05 4491 Research & Development Expense D4491*E4483 0.000042 \$0.00 4492 Other General and Admin Expense D4492*E4483 0.019104 \$0.33 4493 Common Costs Sum(E4486:E4492) \$0.83 4494				
4491 Research & Development Expense D4491*E4483 0.000042 \$0.00 4492 Other General and Admin Expense D4492*E4483 0.019104 \$0.33 4493 Common Costs Sum(E4486:E4492) \$0.83 4494				
4492 Other General and Admin Expense D4492*E4483 0.019104 \$0.33 4493 Common Costs Sum(E4486:E4492) \$0.83 4494				
4493 Common Costs Sum(E4486:E4492) \$0.83 4494				
4494			3.310104	
·		Odin(2+100.2+102)		ψ0.00
		E4483+E4493		\$18.26

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Study Name: PART D FINAL ORDER NRC STUDY 7246 B Study Year: 2001

Analyst: Deffley/Eoriatti
Product Group: Interconnection

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	B	C	— 172 D	#5 F		G	H	
,	5	Ü	D	_		B * (C Thru F)		H * (G/60)
UNE-P ISDN PRI, DSS Per Each Addl Trunk EXISTING SERVICE mechanized								
ADD								
-INTERCONNECT SERVICE CENTER								•
Input order into service order processor. Type and format order for billing and provisioning	3	1.000				3.00	\$40.03	\$2.0
Subtotal - INTERCONNECT SERVICE CENTER						3.00		\$2.0
-DESIGN								
Probability is percent of orders that require manual handling.								
.7 probability reflects 30% reduction to work time estimates ordered.								
Access Work Authorization	2	0.100			0.700		\$44.31	\$0.1
Distribute to field	3	0.050			0.700	0.11	\$44.31	\$0.08
Subtotal - DESIGN						0.25		\$0.1
Total For Service:						3.25		\$2.1

Qwest Advice No. 3376T Page 468 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	[
						B * (C Thru F)		H * (G/60)

UNE-P ISDN PRI, DSS Per Each Addl Trunk EXISTING SERVICE mechanized (con't)

4547 Direct Cost			\$2.18
4548			
4549	Cost	Cost	
4550	Calculation	Factor	Cost
4551	ВС	D	E
4552 Directly Assigned			
4553 Product Management Expense	D4553*E4547	0.040393	\$0.09
4554 Sales Expense	D4554*E4547	0.014960	\$0.03
4555 Product Advertising Expense	D4555*E4547	0.000000	\$0.00
4556 Business Fees (Other Operating Taxes)	D4556*Sum(E4547:E4555)	0.042595	<u>\$0.10</u>
4557 Directly Assigned Costs	Sum(E4547:E4556)		\$0.22
4558			
4559 Total Direct Costs	E4547+E4557		\$2.40
4560			
4561 Directly Attributed			_
4562 Network Operations	D4562*E4559	0.056129	\$0.13
4563 Network Support Assets	D4563*E4559	0.014074	\$0.03
4564 General Support Assets	D4564*E4559	0.057904	\$0.14
4565 General Purpose Computers	D4565*E4559	0.040926	\$0.10
4566 Uncollectible	D4566*E4559	0.001136	\$0.00
4567 Accounting & Finance Expense	D4567*E4559	0.010471	\$0.03
4568 Human Resources Expense	D4568*E4559	0.009808	\$0.02
4569 Information Management Expense	D4569*E4559	0.068149	\$0.16
4570 Intangibles	D4570*E4559	0.002634	\$0.01
4571 Directly Attributed Costs	Sum(E4562:E4570)		\$0.63
4572			A 0.00
4573 TELRIC	E4562+E4571		\$3.03
4574			
4575 Common	B 45-0-5		
4576 Executive Expense	D4576*E4573	0.008052	\$0.02
4577 Planning Expense	D4577*E4573	0.000682	\$0.00
4578 External Relations Expense	D4578*E4573	0.009631	\$0.03
4579 Legal Expense	D4579*E4573	0.007338	\$0.02
4580 Other Procurement Expense	D4580*E4573	0.002772	\$0.01
4581 Research & Development Expense	D4581*E4573	0.000042	\$0.00
4582 Other General and Admin Expense	D4582*E4573	0.019104	\$0.06
4583 Common Costs	Sum(E4576:E4582)		\$0.14
4584			00.47
4585 TELRIC + Common Costs	E4573+E4583		\$3.17

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Study Name: PART D FINAL ORDER NRC STUDY 7246 B Study Year: 2001

Analyst: Deffley/Eoriatti
Product Group: Interconnection

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	В	C	D	E	F	G B * (C Thru F)	H	H * (G/60)
UNE-P ISDN PRI, DSS Per Each Addl Trunk EXISTING SERVICE manual								
ADD								
-INTERCONNECT SERVICE CENTER No manual times previously filed in this docket, therefore, current Qwest ISC times applied. Input order into service order processor. Type and format order for billing and provisioning	3	1.000				3.00	\$40.03	\$2.00
Subtotal - INTERCONNECT SERVICE CENTER						3.00		\$2.00
-DESIGN Probability is percent of orders that require manual handling7 probability reflects 30% reduction to work time estimates ordered. Access Work Authorization Distribute to field	2 3	0.100 0.050			0.700 0.700		\$44.31 \$44.31	\$0.10 \$0.08
Subtotal - DESIGN						0.25		\$0.18
Total For Service:						3.25		\$2.18

Qwest Advice No. 3376T Page 470 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	[
						B * (C Thru F)		H * (G/60)

UNE-P ISDN PRI, DSS Per Each Addi Trunk EXISTING SERVICE manual (con't)

4637 Direct Cost			\$2.18
4638			
4639	Cost	Cost	
4640	Calculation	Factor	Cost
4641	ВС	D	E
4642 Directly Assigned	<u> </u>		<u>.</u>
4643 Product Management Expense	D4643*E4637	0.040393	\$0.09
4644 Sales Expense	D4644*E4637	0.014960	\$0.03
4645 Product Advertising Expense	D4645*E4637	0.000000	\$0.00
4646 Business Fees (Other Operating Taxes)	D4646*Sum(E4637:E4645)	0.042595	\$0.10
4647 Directly Assigned Costs	Sum(E4637:E4646)		\$0.22
4648			
4649 Total Direct Costs	E4637+E4647		\$2.40
4650			
4651 Directly Attributed			
4652 Network Operations	D4652*E4649	0.056129	\$0.13
4653 Network Support Assets	D4653*E4649	0.014074	\$0.03
4654 General Support Assets	D4654*E4649	0.057904	\$0.14
4655 General Purpose Computers	D4655*E4649	0.040926	\$0.10
4656 Uncollectible	D4656*E4649	0.001136	\$0.00
4657 Accounting & Finance Expense	D4657*E4649	0.010471	\$0.03
4658 Human Resources Expense	D4658*E4649	0.009808	\$0.02
4659 Information Management Expense	D4659*E4649	0.068149	\$0.16
4660 Intangibles	D4660*E4649	0.002634	\$0.01
4661 Directly Attributed Costs	Sum(E4652:E4660)		\$0.63
4662			
4663 TELRIC	E4652+E4661		\$3.03
4664			
4665 Common			
4666 Executive Expense	D4666*E4663	0.008052	\$0.02
4667 Planning Expense	D4667*E4663	0.000682	\$0.00
4668 External Relations Expense	D4668*E4663	0.009631	\$0.03
4669 Legal Expense	D4669*E4663	0.007338	\$0.02
4670 Other Procurement Expense	D4670*E4663	0.002772	\$0.01
4671 Research & Development Expense	D4671*E4663	0.000042	\$0.00
4672 Other General and Admin Expense	D4672*E4663	0.019104	\$0.06
4673 Common Costs	Sum(E4666:E4672)		\$0.14
4674			
4675 TELRIC + Common Costs	E4663+E4673		\$3.17

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Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

Work Item	Time Minutes	Prob #1	#2	Prob Prob #3 #4	Applied Time (Minutes)	Labor /Hour	Cost
A	В	С	D	E F	G B * (C Thru F)	Н	I H * (G/60)
UNE-P POTS FIRST LINE MECHANIZED NEW SERVICE INSTALL							
ADD							
-INTERCONNECT SERVICE CENTER Prob 1 (.05) is percent orders that fall out7 probability reflects 30% reduction to work time estimates ordered. Screen and route to order writer. Type change of Service Provider - 1st line	5 10	0.050 0.050		0.70 0.70		\$39.16 \$39.16	\$0.11 \$0.23
Subtotal - INTERCONNECT SERVICE CENTER					0.53		\$0.34
-LOOP PROVISIONING CENTER PROB #1 = % OF ORDERS MANUALLY ASSIGNED, INCLUDES ALL ORDERS NOT ASSIGNED IN FACS .7 probability reflects 30% reduction to work time estimates ordered. AVG CLEARING TIME PER RMA	11.25	0.150		0.70	0 1.18	\$37.78	\$0.74
Subtotal - LOOP PROVISIONING CENTER					1.18		\$0.74
-CENTRAL OFFICE PROB #1 = % OF LINES REQUIRING JUMPER WORK THIS IS THE % OF NON-DIP (DEDICATED INSIDE PLANT) ON INWARD ORDERS .7 probability reflects 30% reduction to work time estimates ordered. CO PLACE JUMPER(S)	4	0.450		0.70	0 1.26	\$43.81	\$0.92
Subtotal - CENTRAL OFFICE					1.26		\$0.92
-DISPATCH PROB #1 = % OF ORDERS REQUIRING DISPATCH PROB #2 = % RES & BUS ORDERS TO TOTAL ORDERS .7 probability reflects 30% reduction to work time estimates ordered. DISPATCH SERV ORD FOR LINE WRK - RES DISPATCH CLOSEOUT SERV ORD LN - RES DISPATCH COMPLETION TYPE ORD - RES DISPATCH SERV ORD FOR LINE WRK - BUS DISPATCH CLOSEOUT SERV ORD LN - BUS DISPATCH COMPLETION TYPE ORD - BUS	5 2 2.5 5 2 2.5	0.320 0.320 0.320 0.710 0.710 0.710	0.100 0.100 0.100 0.900 0.900 0.900	0.70 0.70 0.70 0.70 0.70 0.70	0 0.04 0 0.06 0 2.24 0 0.89	\$37.78 \$37.78 \$37.78 \$37.78 \$37.78 \$37.78	\$0.07 \$0.03 \$0.04 \$1.41 \$0.56 \$0.70
Subtotal - DISPATCH					4.46		\$2.81

-INSTALLATION & MAINT.

PROB #1 = % OF ORDERS REQUIRING DISPATCH PROB #2 = % RES & BUS ORDERS TO TOTAL ORDERS

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Study Name: PART D FINAL ORDER NRC STUDY 7246 B Study Year: 2001

Analyst: Deffley/Eoriatti
Product Group: Interconnection

23 16 21 21	0.320 0.320 0.710 0.710	#2 D 0.100 0.100 0.900 0.900	#3 E	0.700 0.700 0.700 0.700 0.700	(Minutes) G B*(C Thru F) 0.52 0.36 9.39	### ##################################	Cost H * (G/60) \$0.37 \$0.25
16 21	0.320 0.320 0.710	0.100 0.100 0.900	L	0.700 0.700	B * (C Thru F) 0.52 0.36	\$42.68 \$42.68	\$0.37
16 21	0.320 0.710	0.100 0.900		0.700 0.700	0.36	\$42.68	
16 21	0.320 0.710	0.100 0.900		0.700 0.700	0.36	\$42.68	
16 21	0.320 0.710	0.100 0.900		0.700 0.700	0.36	\$42.68	
21	0.710	0.900		0.700			\$0.25
					9.39		
21	0.710	0.900		0.700		\$42.68	\$6.68
					9.39	\$42.68	\$6.68
13	0.280	0.100		0.700	0.25	\$42.68	\$0.18
13	0.250	0.100		0.700	0.25 2.05	\$42.68	\$0.16 \$1.46
10	0.230	0.300		0.700	2.03	Ψ-2.00	Ψ1.40
	0.320	0.500	0.100		0.38	\$42.68	\$0.27
24	0.710	0.500	0.900		7.67	\$42.68	\$5.45
							\$0.10
14	0.710	0.500	0.900	0.700	3.13	\$42.68	\$2.23
					33.29		\$23.68
					40.72		\$28.50
•	24 24 13 14	24 0.710 13 0.320	24 0.710 0.500 13 0.320 0.500	24 0.710 0.500 0.900 13 0.320 0.500 0.100	24 0.710 0.500 0.900 13 0.320 0.500 0.100 0.700	24 0.710 0.500 0.900 7.67 13 0.320 0.500 0.100 0.700 0.15 14 0.710 0.500 0.900 0.700 3.13 33.29	24 0.710 0.500 0.900 7.67 \$42.68 13 0.320 0.500 0.100 0.700 0.15 \$42.68 14 0.710 0.500 0.900 0.700 3.13 \$42.68

Qwest Advice No. 3376T Page 473 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	[
						B * (C Thru F)		H * (G/60)

UNE-P POTS FIRST LINE MECHANIZED NEW SERVICE INSTALL (con't)

4772 Direct Cost			\$28.50
4773			
4774	Cost	Cost	
4775		Factor	Cost
4776	ВС	D	E
4777 Directly Assigned			
4778 Product Management Expense	D4778*E4772	0.040393	\$1.15
4779 Sales Expense	D4779*E4772	0.014960	\$0.43
4780 Product Advertising Expense	D4780*E4772	0.000000	\$0.00
4781 Business Fees (Other Operating Taxes)	D4781*Sum(E4772:E4780)	0.042595	<u>\$1.28</u>
4782 Directly Assigned Costs	Sum(E4772:E4781)		\$2.86
4783			
4784 Total Direct Costs	E4772+E4782		\$31.36
4785			
4786 Directly Attributed			_
4787 Network Operations	D4787*E4784	0.056129	\$1.76
4788 Network Support Assets	D4788*E4784	0.014074	\$0.44
4789 General Support Assets	D4789*E4784	0.057904	\$1.82
4790 General Purpose Computers	D4790*E4784	0.040926	\$1.28
4791 Uncollectible	D4791*E4784	0.001136	\$0.04
4792 Accounting & Finance Expense	D4792*E4784	0.010471	\$0.33
4793 Human Resources Expense	D4793*E4784	0.009808	\$0.31
4794 Information Management Expense	D4794*E4784	0.068149	\$2.14
4795 Intangibles	D4795*E4784	0.002634	\$0.08
4796 Directly Attributed Costs	Sum(E4787:E4795)		\$8.19
4797			000 ==
4798 TELRIC	E4787+E4796		\$39.55
4799			
4800 Common	B 400 44 T 4000		
4801 Executive Expense	D4801*E4798	0.008052	\$0.32
4802 Planning Expense	D4802*E4798	0.000682	\$0.03
4803 External Relations Expense	D4803*E4798	0.009631	\$0.38
4804 Legal Expense	D4804*E4798	0.007338	\$0.29
4805 Other Procurement Expense	D4805*E4798	0.002772	\$0.11
4806 Research & Development Expense	D4806*E4798	0.000042	\$0.00
4807 Other General and Admin Expense	D4807*E4798	0.019104	\$0.76
4808 Common Costs	Sum(E4801:E4807)		\$1.88
4809			
4810 TELRIC + Common Costs	E4798+E4808		\$41.43

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Study Name: PART D FINAL ORDER NRC STUDY 7246 B Study Year: 2001

Analyst: Deffley/Eoriatti

Product Group: Interconnection

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	В	С	D	E	F	G B * (C Thru F)	Н	I H * (G/60)
JNE-P POTS FIRST LINE MECHANIZED NEW SERVICE DISCONNECT								
DISCONNECT*								
NTERCONNECT SERVICE CENTER								
Prob 1 (.05) is percent orders that fall out7 probability reflects 30% reduction to work time estimates ordered.								
Screen and route to order writer.	5	0.050			0.700	0.18	\$39.16	\$0.1
Type Disconnect	5	0.050			0.700	0.18	\$39.16	\$0.1
ibtotal - INTERCONNECT SERVICE CENTER						0.35		\$0.
OOP PROVISIONING CENTER								
PROB #1 = % OF ORDERS MANUALLY ASSIGNED, INCLUDES ALL ORDERS								
NOT ASSIGNED IN FACS								
.7 probability reflects 30% reduction to work time estimates ordered. AVG CLEARING TIME PER RMA	11.25	0.150			0.700	1.18	\$37.78	\$0.7
						4.40	*	***
ubtotal - LOOP PROVISIONING CENTER						1.18		\$0.7
CENTRAL OFFICE								
PROB #1 = % OF LINES REQUIRING JUMPER WORK,THIS IS THE % OF NON-DIP (DEDICATED INSIDE PLANT) ON OUTWARD ORDERS								
.7 probability reflects 30% reduction to work time estimates ordered.								
CO REMOVE JUMPER(S)	2.3	0.260			0.700	0.42	\$43.81	\$0.3
ibtotal - CENTRAL OFFICE						0.42		\$0.3
otal For Service:						1.95		\$1.2
utai rui Seivice.						1.90		Φ1.2

Qwest Advice No. 3376T Page 475 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G	Н	
						B * (C Thru F)		H * (G/60)

UNE-P POTS FIRST LINE MECHANIZED NEW SERVICE DISCONNECT (con't)

4862 Direct Cost			\$1.28
4863			
4864	Cost	Cost	
4865	Calculation	Factor	Cost
4866	ВС	D	E
4867 Directly Assigned			
4868 Product Management Expense	D4868*E4862	0.040393	\$0.05
4869 Sales Expense	D4869*E4862	0.014960	\$0.02
4870 Product Advertising Expense	D4870*E4862	0.000000	\$0.00
4871 Business Fees (Other Operating Taxes)	D4871*Sum(E4862:E4870)	0.042595	\$0.06
4872 Directly Assigned Costs	Sum(E4862:E4871)		\$0.13
4873			•
4874 Total Direct Costs	E4862+E4872		\$1.41
4875			
4876 Directly Attributed			
4877 Network Operations	D4877*E4874	0.056129	\$0.08
4878 Network Support Assets	D4878*E4874	0.014074	\$0.02
4879 General Support Assets	D4879*E4874	0.057904	\$0.08
4880 General Purpose Computers	D4880*E4874	0.040926	\$0.06
4881 Uncollectible	D4881*E4874	0.001136	\$0.00
4882 Accounting & Finance Expense	D4882*E4874	0.010471	\$0.01
4883 Human Resources Expense	D4883*E4874	0.009808	\$0.01
4884 Information Management Expense	D4884*E4874	0.068149	\$0.10
4885 Intangibles	D4885*E4874	0.002634	\$0.00
4886 Directly Attributed Costs	Sum(E4877:E4885)		\$0.37
4887	<u> </u>		•
4888 TELRIC	E4877+E4886		\$1.77
4889			
4890 Common			
4891 Executive Expense	D4891*E4888	0.008052	\$0.01
4892 Planning Expense	D4892*E4888	0.000682	\$0.00
4893 External Relations Expense	D4893*E4888	0.009631	\$0.02
4894 Legal Expense	D4894*E4888	0.007338	\$0.01
4895 Other Procurement Expense	D4895*E4888	0.002772	\$0.00
4896 Research & Development Expense	D4896*E4888	0.000042	\$0.00
4897 Other General and Admin Expense	D4897*E4888	0.019104	\$0.03
4898 Common Costs	Sum(E4891:E4897)		\$0.08
4899			
4900 TELRIC + Common Costs	E4888+E4898		\$1.86

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Study Name: PART D FINAL ORDER NRC STUDY 7246 B Study Year: 2001

Analyst: Deffley/Eoriatti
Product Group: Interconnection

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G B * (C Thru F)	Н	I H * (G/60)
						B (C IIIIu F)		П (G/60)
NE-P POTS EA ADDL LINE MECHANIZED NEW SERVICE INSTALL								
ADD*								
NTERCONNECT SERVICE CENTER								
Prob 1 (.05) is percent orders that fall out.								
.7 probability reflects 30% reduction to work time estimates ordered.	_							
Type change of Service Provider - additional line	3	0.050			0.700	0.11	\$39.16	\$
ubtotal - INTERCONNECT SERVICE CENTER						0.11		\$
OOP PROVISIONING CENTER								
PROB #1 = % OF ORDERS MANUALLY ASSIGNED, INCLUDES ALL ORDERS								
NOT ASSIGNED IN FACS								
.7 probability reflects 30% reduction to work time estimates ordered.								
AVG CLEARING TIME PER RMA	11.25	0.150			0.700	1.18	\$37.78	;
btotal - LOOP PROVISIONING CENTER						1.18		
ENTRAL OFFICE								
PROB #1 = % OF LINES REQUIRING JUMPER WORK THIS IS THE % OF NON-DIP (DEDICATED INSIDE PLANT) ON INWARD ORDERS								
.7 probability reflects 30% reduction to work time estimates ordered.								
CO PLACE JUMPER(S)	4	0.450			0.700	1.26	\$43.81	:
()							*	
ototal - CENTRAL OFFICE						1.26		
STALLATION & MAINT.								
PROB #1 = % OF TIME XCONNECT AT ACCESS POINT IS REQUIRED								
PROB #2 = % RES & BUS ORDERS TO TOTAL ORDERS								
.7 probability reflects 30% reduction to work time estimates ordered.	40	0.000	0.400		0.700	0.00	# 40.00	
I&M INST 1ST X-CONNECT - RES	10	0.280	0.100		0.700	0.20	\$42.68	
I&M INST 1ST X-CONNECT - BUS PROB #1 = % OF ORDERS REQUIRING DISPATCH	10	0.250	0.900		0.700	1.58	\$42.68	
PROB #1 = % OF ORDERS REQUIRING DISPATCH PROB #2 = % OF TIME LINE CONNECTION IS NOT CAPITALIZED								
PROB #3 = % RES & BUS ORDERS TO TOTAL ORDERS								
I&M INST RECONNECT 1ST LINE - RES	24	0.320	0.500	0.100		0.38	\$42.68	
I&M INST RECONNECT 1ST LINE - BUS	24	0.710	0.500	0.900		7.67	\$42.68	
btotal - INSTALLATION & MAINT.						9.82		,
NOW! - INCIDELATION & MAINT.						5.02		
tal For Service:						12.37		

Qwest Advice No. 3376T Page 477 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G	Н	
						B * (C Thru F)		H * (G/60)

UNE-P POTS EA ADDL LINE MECHANIZED NEW SERVICE INSTALL (con't)

4952 Direct Cost			\$8.72
4953			
4954	Cost	Cost	
4955	Calculation	Factor	Cost
4956	ВС	D	E
4957 Directly Assigned	·		
4958 Product Management Expense	D4958*E4952	0.040393	\$0.35
4959 Sales Expense	D4959*E4952	0.014960	\$0.13
4960 Product Advertising Expense	D4960*E4952	0.000000	\$0.00
4961 Business Fees (Other Operating Taxes)	D4961*Sum(E4952:E4960)	0.042595	\$0.39
4962 Directly Assigned Costs	Sum(E4952:E4961)		\$0.87
4963			
4964 Total Direct Costs	E4952+E4962		\$9.59
4965			
4966 Directly Attributed			
4967 Network Operations	D4967*E4964	0.056129	\$0.54
4968 Network Support Assets	D4968*E4964	0.014074	\$0.14
4969 General Support Assets	D4969*E4964	0.057904	\$0.56
4970 General Purpose Computers	D4970*E4964	0.040926	\$0.39
4971 Uncollectible	D4971*E4964	0.001136	\$0.01
4972 Accounting & Finance Expense	D4972*E4964	0.010471	\$0.10
4973 Human Resources Expense	D4973*E4964	0.009808	\$0.09
4974 Information Management Expense	D4974*E4964	0.068149	\$0.65
4975 Intangibles	D4975*E4964	0.002634	\$0.03
4976 Directly Attributed Costs	Sum(E4967:E4975)		\$2.51
4977	, , ,		
4978 TELRIC	E4967+E4976		\$12.10
4979			
4980 Common			
4981 Executive Expense	D4981*E4978	0.008052	\$0.10
4982 Planning Expense	D4982*E4978	0.000682	\$0.01
4983 External Relations Expense	D4983*E4978	0.009631	\$0.12
4984 Legal Expense	D4984*E4978	0.007338	\$0.09
4985 Other Procurement Expense	D4985*E4978	0.002772	\$0.03
4986 Research & Development Expense	D4986*E4978	0.000042	\$0.00
4987 Other General and Admin Expense	D4987*E4978	0.019104	\$0.23
4988 Common Costs	Sum(E4981:E4987)		\$0.58
4989			
4990 TELRIC + Common Costs	E4978+E4988		\$12.68

Qwest Advice No. 3376T Page 478 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B Study Year: 2001

Analyst: Deffley/Eoriatti

Product Group: Interconnection

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	В	С	D	E	F	G B * (C Thru F)	Н	I H * (G/60)
UNE-P POTS EA ADDL LINE MECHANIZED NEW SERVICE DISCONNECT								
DISCONNECT								
-LOOP PROVISIONING CENTER PROB #1 = % OF ORDERS MANUALLY ASSIGNED, INCLUDES ALL ORDERS NOT ASSIGNED IN FACS .7 probability reflects 30% reduction to work time estimates ordered. AVG CLEARING TIME PER RMA	11.25	0.150			0.700	1.18	\$37.78	\$0.74
Subtotal - LOOP PROVISIONING CENTER						1.18		\$0.74
-CENTRAL OFFICE PROB #1 = % OF LINES REQUIRING JUMPER WORK, THIS IS THE % OF NON-DIP (DEDICATED INSIDE PLANT) ON OUTWARD ORDERS .7 probability reflects 30% reduction to work time estimates ordered. CO REMOVE JUMPER(S)	2.3	0.260			0.700	0.42	\$43.81	\$0.31
Subtotal - CENTRAL OFFICE						0.42		\$0.31
Total For Service:						1.60		\$1.05

Qwest Advice No. 3376T Page 479 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	
						B * (C Thru F)		H * (G/60)

UNE-P POTS EA ADDL LINE MECHANIZED NEW SERVICE DISCONNECT (con't)

5042 Direct Cost			\$1.05
5043			
5044	Cost	Cost	
5045	Calculation	Factor	Cost
5046	ВС	D	E
5047 Directly Assigned			
5048 Product Management Expense	D5048*E5042	0.040393	\$0.04
5049 Sales Expense	D5049*E5042	0.014960	\$0.02
5050 Product Advertising Expense	D5050*E5042	0.000000	\$0.00
5051 Business Fees (Other Operating Taxes)	D5051*Sum(E5042:E5050)	0.042595	<u>\$0.05</u>
5052 Directly Assigned Costs	Sum(E5042:E5051)		\$0.11
5053	FF0.40 FF0F0		04.45
5054 Total Direct Costs	E5042+E5052		\$1.15
5055 5056 Directly Attributed			
5057 Network Operations	D5057*E5054	0.056129	\$0.06
5058 Network Support Assets	D5057 E5054	0.030123	\$0.02
5059 General Support Assets	D5059*E5054	0.057904	\$0.07
5060 General Purpose Computers	D5060*E5054	0.040926	\$0.05
5061 Uncollectible	D5061*E5054	0.001136	\$0.00
5062 Accounting & Finance Expense	D5062*E5054	0.010471	\$0.01
5063 Human Resources Expense	D5063*E5054	0.009808	\$0.01
5064 Information Management Expense	D5064*E5054	0.068149	\$0.08
5065 Intangibles	D5065*E5054	0.002634	\$0.00
5066 Directly Attributed Costs	Sum(E5057:E5065)		\$0.30
5067	,		
5068 TELRIC	E5057+E5066		\$1.46
5069			
5070 Common			
5071 Executive Expense	D5071*E5068	0.008052	\$0.01
5072 Planning Expense	D5072*E5068	0.000682	\$0.00
5073 External Relations Expense	D5073*E5068	0.009631	\$0.01
5074 Legal Expense	D5074*E5068	0.007338	\$0.01
5075 Other Procurement Expense	D5075*E5068	0.002772	\$0.00
5076 Research & Development Expense	D5076*E5068	0.000042	\$0.00
5077 Other General and Admin Expense	D5077*E5068	0.019104	\$0.03
5078 Common Costs	Sum(E5071:E5077)		\$0.07
5079	EE060 - EE070		¢4.50
5080 TELRIC + Common Costs	E5068+E5078		\$1.53

Qwest Advice No. 3376T Page 480 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	В	C	D	E	F	G B * (C Thru F)	H	I H * (G/60)
UNE-P POTS FIRST LINE MANUAL NEW SERVICE INSTALL								
ADD								
-INTERCONNECT SERVICE CENTER .7 probability reflects 30% reduction to work time estimates ordered. Receive request and send CSR (Customer Service Record) Receive and screen LSR (Loop Service Request) Type change of Service Provider - 1st line	3 5 10	1.000 1.000 1.000			0.700 0.700 0.700	2.10 3.50 7.00	\$39.16 \$39.16 \$39.16	\$1.37 \$2.28 \$4.57
Subtotal - INTERCONNECT SERVICE CENTER						12.60		\$8.22
-LOOP PROVISIONING CENTER PROB #1 = % OF ORDERS MANUALLY ASSIGNED, INCLUDES ALL ORDERS NOT ASSIGNED IN FACS .7 probability reflects 30% reduction to work time estimates ordered. AVG CLEARING TIME PER RMA	11.25	0.150			0.700	1.18	\$37.78	\$0.74
Subtotal - LOOP PROVISIONING CENTER						1.18		\$0.74
-CENTRAL OFFICE PROB #1 = % OF LINES REQUIRING JUMPER WORK THIS IS THE % OF NON-DIP (DEDICATED INSIDE PLANT) ON INWARD ORDERS .7 probability reflects 30% reduction to work time estimates ordered. CO PLACE JUMPER(S)	4	0.450			0.700	1.26	\$43.81	\$0.92
Subtotal - CENTRAL OFFICE						1.26		\$0.92
-DISPATCH PROB #1 = % OF ORDERS REQUIRING DISPATCH PROB #2 = % RES & BUS ORDERS TO TOTAL ORDERS .7 probability reflects 30% reduction to work time estimates ordered. DISPATCH SERV ORD FOR LINE WRK - RES DISPATCH CLOSEOUT SERV ORD LN - RES DISPATCH COMPLETION TYPE ORD - RES DISPATCH SERV ORD FOR LINE WRK - BUS DISPATCH CLOSEOUT SERV ORD LN - BUS DISPATCH COMPLETION TYPE ORD - BUS	5 2 2.5 5 2 2.5	0.320 0.320 0.320 0.710 0.710 0.710	0.100 0.100 0.100 0.900 0.900 0.900		0.700 0.700 0.700 0.700 0.700 0.700	0.11 0.04 0.06 2.24 0.89 1.12	\$37.78 \$37.78 \$37.78 \$37.78 \$37.78 \$37.78	\$0.07 \$0.03 \$0.04 \$1.41 \$0.56 \$0.70
Subtotal - DISPATCH						4.46		\$2.81

-INSTALLATION & MAINT.
PROB #1 = % OF ORDERS REQUIRING DISPATCH PROB #2 = % RES & BUS ORDERS TO TOTAL ORDERS

Qwest Advice No. 3376T Page 481 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	В	C	D	E	F	G B * (C Thru F)	Н	I H * (G/60)
UNE-P POTS FIRST LINE MANUAL NEW SERVICE INSTALL (con't)								
.7 probability reflects 30% reduction to work time estimates ordered.								
I&M INST TRAVEL TIME RES	23	0.320	0.100		0.700	0.52	\$42.68	\$0.37
I&M INST CUST CONTACT RES I&M INST TRAVEL TIME BUS	16 21	0.320 0.710	0.100 0.900		0.700 0.700	0.36	\$42.68 \$42.68	\$0.25 \$6.68
1&M INST CUST CONTACT BUS	21	0.710	0.900		0.700	9.39 9.39	\$42.68	\$6.68
IN INST COST CONTACT DOS	21	0.710	0.900		0.700	9.39	ψ42.00	φ0.00
PROB #1 = % OF TIME XCONNECT AT ACCESS POINT IS REQUIRED PROB #2 = % RES & BUS ORDERS TO TOTAL ORDERS .7 probability reflects 30% reduction to work time estimates ordered. I&M INST 1ST X-CONNECT - RES	13	0.280	0.100		0.700	0.25	\$42.68	\$0.18
I&M INST 1ST X-CONNECT - BUS	13	0.250	0.900		0.700	2.05	\$42.68	\$1.46
PROB #1 = % OF ORDERS REQUIRING DISPATCH PROB #2 = % OF TIME LINE CONNECTION IS NOT CAPITALIZED PROB #3 = % RES & BUS ORDERS TO TOTAL ORDERS I&M INST RECONNECT 1ST LINE - RES I&M INST RECONNECT 1ST LINE - BUS	24 24	0.320 0.710	0.500 0.500	0.100 0.900		0.38 7.67	\$42.68 \$42.68	\$0.27 \$5.45
.7 probability reflects 30% reduction to work time estimates ordered.	27	0.710	0.000	0.500		7.07	Ψ-2.00	ψ0τ0
I&M INST CLS ORD LN FLD CONNCT RES	13	0.320	0.500	0.100	0.700	0.15	\$42.68	\$0.10
I&M INST CLS ORD LN FLD CONNCT BUS	14	0.710	0.500	0.900	0.700	3.13	\$42.68	\$2.23
Subtotal - INSTALLATION & MAINT.						33.29		\$23.68
Total For Service:						52.79		\$36.38

Qwest Advice No. 3376T Page 482 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	
						B * (C Thru F)		H * (G/60)

UNE-P POTS FIRST LINE MANUAL NEW SERVICE INSTALL (con't)

5177 Direct Cost			\$36.38
5178			
5179	Cost	Cost	
5180	Calculation	Factor	Cost
5181	ВС	D	E
5182 Directly Assigned			
5183 Product Management Expense	D5183*E5177	0.040393	\$1.47
5184 Sales Expense	D5184*E5177	0.014960	\$0.54
5185 Product Advertising Expense	D5185*E5177	0.000000	\$0.00
5186 Business Fees (Other Operating Taxes)	D5186*Sum(E5177:E5185)	0.042595	<u>\$1.64</u>
5187 Directly Assigned Costs	Sum(E5177:E5186)		\$3.65
5188	FF477 FF407		# 40.00
5189 Total Direct Costs	E5177+E5187		\$40.03
5190 5191 Directly Attributed			
5192 Network Operations	D5192*E5189	0.056129	\$2.25
5193 Network Support Assets	D5193*E5189	0.014074	\$0.56
5194 General Support Assets	D5194*E5189	0.057904	\$2.32
5195 General Purpose Computers	D5195*E5189	0.040926	\$1.64
5196 Uncollectible	D5196*E5189	0.001136	\$0.05
5197 Accounting & Finance Expense	D5197*E5189	0.010471	\$0.42
5198 Human Resources Expense	D5198*E5189	0.009808	\$0.39
5199 Information Management Expense	D5199*E5189	0.068149	\$2.73
5200 Intangibles	D5200*E5189	0.002634	\$0.11
5201 Directly Attributed Costs	Sum(E5192:E5200)		\$10.46
5202	(•
5203 TELRIC	E5192+E5201		\$50.48
5204			
5205 Common			
5206 Executive Expense	D5206*E5203	0.008052	\$0.41
5207 Planning Expense	D5207*E5203	0.000682	\$0.03
5208 External Relations Expense	D5208*E5203	0.009631	\$0.49
5209 Legal Expense	D5209*E5203	0.007338	\$0.37
5210 Other Procurement Expense	D5210*E5203	0.002772	\$0.14
5211 Research & Development Expense	D5211*E5203	0.000042	\$0.00
5212 Other General and Admin Expense	D5212*E5203	0.019104	\$0.96
5213 Common Costs 5214	Sum(E5206:E5212)		\$2.40
5215 TELRIC + Common Costs	E5203+E5213		\$52.89
OZ TO TELIAO I COMMON COSTS	LUZUUTLUZIU		Ψ02.09

Qwest Advice No. 3376T Page 483 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	В	C	D	Ē	F	G B * (C Thru F)	Н	I H * (G/60)
UNE-P POTS FIRST LINE MANUAL NEW SERVICE DISCONNECT								
DISCONNECT								
-INTERCONNECT SERVICE CENTER PROCESS FOR DISCONNECT INCLUDES ALL LINES ON THE ORDER. NO INCREMENTAL TIME FOR EACH ADDITIONAL LINE ON AN ORDER. .7 probability reflects 30% reduction to work time estimates ordered. Receive request and send CSR (Customer Service Record) Receive and screen LSR (Loop Service Request) Type change of Service Provider - 1st line	3 5 5	1.000 1.000 1.000			0.700 0.700 0.700	2.10 3.50 3.50	\$39.16 \$39.16 \$39.16	\$1.37 \$2.28 \$2.28
Subtotal - INTERCONNECT SERVICE CENTER						9.10		\$5.94
-LOOP PROVISIONING CENTER PROB #1 = % OF ORDERS MANUALLY ASSIGNED, INCLUDES ALL ORDERS NOT ASSIGNED IN FACS .7 probability reflects 30% reduction to work time estimates ordered. AVG CLEARING TIME PER RMA	11.25	0.150			0.700	1.18	\$37.78	\$0.74
Subtotal - LOOP PROVISIONING CENTER						1.18		\$0.74
-CENTRAL OFFICE PROB #1 = % OF LINES REQUIRING JUMPER WORK, THIS IS THE % OF NON-DIP (DEDICATED INSIDE PLANT) ON OUTWARD ORDERS .7 probability reflects 30% reduction to work time estimates ordered. CO REMOVE JUMPER(S)	2.3	0.260			0.700	0.42	\$43.81	\$0.31
Subtotal - CENTRAL OFFICE						0.42		\$0.31
Total For Service:						10.70		\$6.99

Qwest Advice No. 3376T Page 484 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

FOCT Direct Cook

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	
						B * (C Thru F)		H * (G/60)

UNE-P POTS FIRST LINE MANUAL NEW SERVICE DISCONNECT (con't)

5267 Direct Cost			\$6.99
5268			
5269	Cost	Cost	_
5270	Calculation	Factor	Cost
5271	ВС	D	E
5272 Directly Assigned			
5273 Product Management Expense	D5273*E5267	0.040393	\$0.2
5274 Sales Expense	D5274*E5267	0.014960	\$0.1
5275 Product Advertising Expense	D5275*E5267	0.000000	\$0.0
5276 Business Fees (Other Operating Taxes)	D5276*Sum(E5267:E5275)	0.042595	<u>\$0.3</u>
5277 Directly Assigned Costs	Sum(E5267:E5276)		\$0.7
5278			
5279 Total Direct Costs	E5267+E5277		\$7.6
5280			
5281 Directly Attributed			
5282 Network Operations	D5282*E5279	0.056129	\$0.4
5283 Network Support Assets	D5283*E5279	0.014074	\$0.1
5284 General Support Assets	D5284*E5279	0.057904	\$0.4
5285 General Purpose Computers	D5285*E5279	0.040926	\$0.3
5286 Uncollectible	D5286*E5279	0.001136	\$0.0
5287 Accounting & Finance Expense	D5287*E5279	0.010471	\$0.0
5288 Human Resources Expense	D5288*E5279	0.009808	\$0.0
5289 Information Management Expense	D5289*E5279	0.068149	\$0.5
5290 Intangibles	D5290*E5279	0.002634	\$0.0
5291 Directly Attributed Costs	Sum(E5282:E5290)		\$2.0
5292			
5293 TELRIC 5294	E5282+E5291		\$9.7
5294 5295 Common			
5296 Executive Expense	D5296*E5293	0.008052	\$0.0
5297 Planning Expense	D5297*E5293	0.000682	\$0.0
5298 External Relations Expense	D5298*E5293	0.000631	\$0.0
5299 Legal Expense	D5298 E5293 D5299*E5293	0.007338	\$0.0
5300 Other Procurement Expense	D5299 E5293 D5300*E5293	0.007338	\$0.0
5301 Research & Development Expense	D5300 E5293 D5301*E5293	0.002772	\$0.0 \$0.0
5302 Other General and Admin Expense	D5301 E5293 D5302*E5293	0.000042	\$0.0 \$0.1
5303 Common Costs		0.019104	\$0.4
5304	Sum(E5296:E5302)		Φ U.4
5305 TELRIC + Common Costs	E5293+E5303		\$10.1
5505 TELRIC + COMMON COSTS	E3293+E33U3		\$10.1

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Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti Product Group: Interconnection

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	В	С	D	E	F	G B * (C Thru F)	Н	I H * (G/60)
UNE-P POTS EA ADDL LINE MANUAL NEW SERVICE INSTALL								
ADD								
-INTERCONNECT SERVICE CENTER								
.7 probability reflects 30% reduction to work time estimates ordered.								
Type change of Service Provider - additional line	3	1.000			0.700	2.10	\$39.16	\$1.3
Subtotal - INTERCONNECT SERVICE CENTER						2.10		\$1.3
LOOP PROVISIONING CENTER PROB #1 = % OF ORDERS MANUALLY ASSIGNED, INCLUDES ALL ORDERS								
NOT ASSIGNED IN FACS								
.7 probability reflects 30% reduction to work time estimates ordered.								
AVG CLEARING TIME PER RMA	11.25	0.150			0.700	1.18	\$37.78	\$0.7
							**	
Subtotal - LOOP PROVISIONING CENTER						1.18		\$0.7
-CENTRAL OFFICE								
PROB #1 = % OF LINES REQUIRING JUMPER WORK THIS IS THE % OF								
NON-DIP (DEDICATED INSIDE PLANT) ON INWARD ORDERS								
.7 probability reflects 30% reduction to work time estimates ordered.								
CO PLACE JUMPER(S)	4	0.450			0.700	1.26	\$43.81	\$0.9
()							·	·
Subtotal - CENTRAL OFFICE						1.26		\$0.9
INSTALLATION & MAINT.								
PROB #1 = % OF TIME XCONNECT AT ACCESS POINT IS REQUIRED								
PROB #2 = % RES & BUS ORDERS TO TOTAL ORDERS								
.7 probability reflects 30% reduction to work time estimates ordered.								
I&M INST 1ST X-CONNECT - RES	10	0.280	0.100		0.700	0.20	\$42.68	\$0.1
I&M INST 1ST X-CONNECT - BUS	10	0.250	0.900		0.700	1.58	\$42.68	\$1.1
PROB #1 = % OF ORDERS REQUIRING DISPATCH	10	0.200	0.000		0.700	1.00	Ψ12.00	Ψ…
PROB #2 = % OF TIME LINE CONNECTION IS NOT CAPITALIZED								
PROB #3 = % RES & BUS ORDERS TO TOTAL ORDERS								
I&M INST RECONNECT 1ST LINE - RES	24	0.320	0.500	0.100		0.38	\$42.68	\$0.2
I&M INST RECONNECT 1ST LINE - BUS	24	0.710	0.500	0.900		7.67	\$42.68	\$5.4
Subtotal - INSTALLATION & MAINT.						9.82		\$6.9
THE PARTY OF THE P						0.02		40. 5
Total For Service:						14.36		\$10.0

Qwest Advice No. 3376T Page 486 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G	Н	
						B * (C Thru F)		H * (G/60)

UNE-P POTS EA ADDL LINE MANUAL NEW SERVICE INSTALL (con't)

5357 Direct Cost			\$10.02
5358			
5359	Cost	Cost	
5360	Calculation	Factor	Cost
5361	ВС	D	E
5362 Directly Assigned			
5363 Product Management Expense	D5363*E5357	0.040393	\$0.40
5364 Sales Expense	D5364*E5357	0.014960	\$0.15
5365 Product Advertising Expense	D5365*E5357	0.000000	\$0.00
5366 Business Fees (Other Operating Taxes)	D5366*Sum(E5357:E5365)	0.042595	\$0.45
5367 Directly Assigned Costs	Sum(E5357:E5366)		\$1.01
5368			
5369 Total Direct Costs	E5357+E5367		\$11.03
5370			
5371 Directly Attributed			
5372 Network Operations	D5372*E5369	0.056129	\$0.62
5373 Network Support Assets	D5373*E5369	0.014074	\$0.16
5374 General Support Assets	D5374*E5369	0.057904	\$0.64
5375 General Purpose Computers	D5375*E5369	0.040926	\$0.45
5376 Uncollectible	D5376*E5369	0.001136	\$0.01
5377 Accounting & Finance Expense	D5377*E5369	0.010471	\$0.12
5378 Human Resources Expense	D5378*E5369	0.009808	\$0.11
5379 Information Management Expense	D5379*E5369	0.068149	\$0.75
5380 Intangibles	D5380*E5369	0.002634	\$0.03
5381 Directly Attributed Costs	Sum(E5372:E5380)		\$2.88
5382			-
5383 TELRIC	E5372+E5381		\$13.91
5384			
5385 Common			
5386 Executive Expense	D5386*E5383	0.008052	\$0.11
5387 Planning Expense	D5387*E5383	0.000682	\$0.01
5388 External Relations Expense	D5388*E5383	0.009631	\$0.13
5389 Legal Expense	D5389*E5383	0.007338	\$0.10
5390 Other Procurement Expense	D5390*E5383	0.002772	\$0.04
5391 Research & Development Expense	D5391*E5383	0.000042	\$0.00
5392 Other General and Admin Expense	D5392*E5383	0.019104	\$0.27
5393 Common Costs	Sum(E5386:E5392)		\$0.66
5394			
5395 TELRIC + Common Costs	E5383+E5393		\$14.57

Qwest Advice No. 3376T Page 487 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B Study Year: 2001

Analyst: Deffley/Eoriatti
Product Group: Interconnection

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	В	С	D	E	F	G B * (C Thru F)	Н	I H * (G/60)
UNE-P POTS EA ADDL LINE MANUAL NEW SERVICE DISCONNECT								
DISCONNECT								
-LOOP PROVISIONING CENTER PROB #1 = % OF ORDERS MANUALLY ASSIGNED, INCLUDES ALL ORDERS NOT ASSIGNED IN FACS .7 probability reflects 30% reduction to work time estimates ordered. AVG CLEARING TIME PER RMA	11.25	0.150			0.700	1.18	\$37.78	\$0.74
	11.20	0.100			0.700		ψοτ.το	•
Subtotal - LOOP PROVISIONING CENTER						1.18		\$0.74
-CENTRAL OFFICE PROB #1 = % OF LINES REQUIRING JUMPER WORK, THIS IS THE % OF NON-DIP (DEDICATED INSIDE PLANT) ON OUTWARD ORDERS .7 probability reflects 30% reduction to work time estimates ordered. CO REMOVE JUMPER(S)	2.3	0.260			0.700	0.42	\$43.81	\$0.31
Subtotal - CENTRAL OFFICE						0.42		\$0.31
Total For Service:	_					1.60		\$1.05

Qwest Advice No. 3376T Page 488 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G	Н	
						B * (C Thru F)		H * (G/60)

UNE-P POTS EA ADDL LINE MANUAL NEW SERVICE DISCONNECT (con't)

5447 Direct Cost			\$1.05
5448			
5449	Cost	Cost	
5450	Calculation	Factor	Cost
5451	ВС	D	E
5452 Directly Assigned			
5453 Product Management Expense	D5453*E5447	0.040393	\$0.04
5454 Sales Expense	D5454*E5447	0.014960	\$0.02
5455 Product Advertising Expense	D5455*E5447	0.000000	\$0.00
5456 Business Fees (Other Operating Taxes)	D5456*Sum(E5447:E5455)	0.042595	\$0.05
5457 Directly Assigned Costs	Sum(E5447:E5456)		\$0.11
5458			
5459 Total Direct Costs	E5447+E5457		\$1.15
5460			
5461 Directly Attributed			
5462 Network Operations	D5462*E5459	0.056129	\$0.06
5463 Network Support Assets	D5463*E5459	0.014074	\$0.02
5464 General Support Assets	D5464*E5459	0.057904	\$0.07
5465 General Purpose Computers	D5465*E5459	0.040926	\$0.05
5466 Uncollectible	D5466*E5459	0.001136	\$0.00
5467 Accounting & Finance Expense	D5467*E5459	0.010471	\$0.01
5468 Human Resources Expense	D5468*E5459	0.009808	\$0.01
5469 Information Management Expense	D5469*E5459	0.068149	\$0.08
5470 Intangibles	D5470*E5459	0.002634	\$0.00
5471 Directly Attributed Costs	Sum(E5462:E5470)		\$0.30
5472			
5473 TELRIC	E5462+E5471		\$1.46
5474			
5475 Common			
5476 Executive Expense	D5476*E5473	0.008052	\$0.01
5477 Planning Expense	D5477*E5473	0.000682	\$0.00
5478 External Relations Expense	D5478*E5473	0.009631	\$0.01
5479 Legal Expense	D5479*E5473	0.007338	\$0.01
5480 Other Procurement Expense	D5480*E5473	0.002772	\$0.00
5481 Research & Development Expense	D5481*E5473	0.000042	\$0.00
5482 Other General and Admin Expense	D5482*E5473	0.019104	\$0.03
5483 Common Costs	Sum(E5476:E5482)		\$0.07
5484			
5485 TELRIC + Common Costs	E5473+E5483		\$1.53

Qwest Advice No. 3376T Page 489 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B Study Year: 2001

Analyst: Deffley/Eoriatti
Product Group: Interconnection

Work Item	Time Minutes	Prob	Prob	Prob	Prob	Applied Time	Labor	Cost
WORK TEHN	B	#1 C	#2 D	#3 E	#4	(Minutes)	/Hour H	COST
^	Ь	C	D	<u> </u>	Г	B * (C Thru F)	П	H * (G/60)
						B (Ciliui)		11 (0/00)
BONAFIDE REQUEST PROCESS FEE								
<u>*ADD*</u>								
-INFRASTRUCTURE AVAILABILTY CENTER								
.7 probability reflects 30% reduction to work time estimates ordered.								
Compose and dispurse related documents.	30	1.000			0.700	21.00	\$56.97	\$19.9
Input 30 day input plan	240	1.000			0.700	168.00	\$56.97	\$159.5
Provide AMC group with IP strategy and recommendation	30	1.000			0.700	21.00	\$56.97	\$19.9
Subtotal - INFRASTRUCTURE AVAILABILTY CENTER						210.00		\$199.4
-INTERCONNECTION PLANNING								
.7 probability reflects 30% reduction to work time estimates ordered.								
Review documentation, determine if request qualifies	60	1.000			0.700	42.00	\$69.25	\$48.4
Input 30 day input plan	240	1.000			0.700	168.00	\$69.25	\$193.9
Detailed research and analysis with all SMEs	240	1.000			0.700	168.00	\$69.25	\$193.9
Develop written strategy, Obtain approval	720	1.000			0.700	504.00	\$69.25	\$581.7
Subtotal - INTERCONNECTION PLANNING						882.00		\$1,017.9
Total For Service:						1,092.00		\$1,217.3

Qwest Advice No. 3376T Page 490 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G	Н	
						B * (C Thru F)		H * (G/60)

BONAFIDE REQUEST PROCESS FEE (con't)

5537 Direct Cost			\$1,217.37
5538			
5539	Cost	Cost	
5540	Calculation	Factor	Cost
5541	ВС	D	E
5542 Directly Assigned			
5543 Product Management Expense	D5543*E5537	0.040393	\$49.17
5544 Sales Expense	D5544*E5537	0.014960	\$18.21
5545 Product Advertising Expense	D5545*E5537	0.000000	\$0.00
5546 Business Fees (Other Operating Taxes)	D5546*Sum(E5537:E5545)	0.042595	<u>\$54.72</u>
5547 Directly Assigned Costs	Sum(E5537:E5546)		\$122.11
5548			01.000.10
5549 Total Direct Costs	E5537+E5547		\$1,339.48
5550 5551 Directly Attributed			
5552 Network Operations	D5552*E5549	0.056129	\$75.18
5553 Network Support Assets	D5553*E5549	0.014074	\$18.85
5554 General Support Assets	D5554*E5549	0.057904	\$77.56
5555 General Purpose Computers	D5555*E5549	0.040926	\$54.82
5556 Uncollectible	D5556*E5549	0.001136	\$1.52
5557 Accounting & Finance Expense	D5557*E5549	0.010471	\$14.03
5558 Human Resources Expense	D5558*E5549	0.009808	\$13.14
5559 Information Management Expense	D5559*E5549	0.068149	\$91.28
5560 Intangibles	D5560*E5549	0.002634	\$3.53
5561 Directly Attributed Costs	Sum(E5552:E5560)		\$349.91
5562	(40.000
5563 TELRIC	E5552+E5561		\$1,689.39
5564			
5565 Common			
5566 Executive Expense	D5566*E5563	0.008052	\$13.60
5567 Planning Expense	D5567*E5563	0.000682	\$1.15
5568 External Relations Expense	D5568*E5563	0.009631	\$16.27
5569 Legal Expense	D5569*E5563	0.007338	\$12.40
5570 Other Procurement Expense	D5570*E5563	0.002772	\$4.68
5571 Research & Development Expense	D5571*E5563	0.000042	\$0.07
5572 Other General and Admin Expense	D5572*E5563	0.019104	\$32.27
5573 Common Costs	Sum(E5566:E5572)		\$80.45
5574 Control of the c	F5500 F5570		04 700 °
5575 TELRIC + Common Costs	E5563+E5573		\$1,769.84

Qwest Advice No. 3376T Page 491 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B Study Year: 2001

Analyst: Deffley/Eoriatti
Product Group: Interconnection

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	В	С	D	E	F	G B * (C Thru F)	Н	I H * (G/60)
						2 (0)		(3,55)
UNE-COMBINATION LMC MULTIPLEXER DS1 TO DSO INSTALL mechanized								
<u>*ADD*</u>								
-INTERCONNECT SERVICE CENTER								
Time estimate(s) ordered by commission staff.	6	1.000				6.00	\$40.03	\$4.00
Process order	0	1.000				6.00	\$40.03	\$4.00
Subtotal - INTERCONNECT SERVICE CENTER						6.00		\$4.00
- <u>DESIGN</u>								
Probabilities are % manual work required7 probability reflects 30% reduction to work time estimates ordered.								
ORDER HANDLING/SCREENING	5	0.200			0.700	0.70	\$44.31	\$0.52
GOC ORDER LOG	6	0.200			0.700	0.84	\$44.31	\$0.62
ENTER WA MASK	5	0.800			0.700	2.80	\$44.31	\$2.07
PREP LOOP INPUT	15	0.750			0.700	7.88	\$44.31	\$5.82
CIRCUIT DESIGN	30	1.000			0.700	21.00	\$44.31	\$15.51
DISTRIBUTE WORD	2	0.900			0.700	1.26	\$44.31	\$0.93
Subtotal - DESIGN						34.48		\$25.46
-CENTRAL OFFICE FRAMES								
.7 probability reflects 30% reduction to work time estimates ordered.								
ANALYZE ORDER	5	1.000			0.700	3.50	\$43.81	\$2.56
CONTACT CCT-I TO WORK ORDER	3	1.000			0.700	2.10	\$43.81	\$1.53
DSX1 CROSS-CONNECT	4	1.000			0.700	2.80	\$43.81	\$2.04
PLACE LOOPBACK TEST PLUG	2	1.000			0.700	1.40	\$43.81	\$1.02
HIGH SIDE CONFORMANCE TEST POST COMPLETE IN WFA-DI	5	1.000 1.000			0.700 0.700	3.50 1.40	\$43.81 \$43.81	\$2.56 \$1.02
COMPLETE IN WEA-DI	2 3	1.000			0.700	2.10	\$43.81	\$1.02 \$1.53
Subtotal - CENTRAL OFFICE FRAMES						16.80		\$12.27
						10.00		Ų.Z.Z.
-SERVICE DELIVERY IMPLEMENTOR .7 probability reflects 30% reduction to work time estimates ordered.								
SCREEN WFA FOR CIRCUIT	15	1.000			0.700	10.50	\$43.81	\$7.67
VERIFY LNO COMPLETION	10	1.000			0.700	7.00	\$43.81	\$5.11
NOTIFY CUSTOMER	5	1.000			0.700	3.50	\$43.81	\$2.56
COMPLETE CIRCUIT IN WFA/C	10	1.000			0.700	7.00	\$43.81	\$5.11
Subtotal - SERVICE DELIVERY IMPLEMENTOR						28.00		\$20.44
Total For Service:						85,28		\$62.17
roat to corros.						00.20		Ψ02.17

Qwest Advice No. 3376T Page 492 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	
						B * (C Thru F)		H * (G/60)

UNE-COMBINATION LMC MULTIPLEXER DS1 TO DSO INSTALL mechanized (con't)

5628 Cost 5629 Calculation 5631 B C 5632 Directly Assigned 5633 Product Management Expense D5633*E5627 5634 Sales Expense D5634*E5627 5635 Product Advertising Expense D5635*E5627 5636 Business Fees (Other Operating Taxes) D5636*Sum(E5627:E5635) 5637 Directly Assigned Costs Sum(E5627:E5636) 5638 Sum(E5627:E5636) 5639 Total Direct Costs E5627+E5637 5640 Directly Attributed 5642 Network Operations D5642*E5639 5643 Network Support Assets D5643*E5639	Cost Factor D 0.040393 0.014960 0.000000 0.042595	Cost E \$2.51 \$0.93 \$0.00
5630 Calculation 5631 B C 5632 Directly Assigned 5633 Product Management Expense 5634 Sales Expense D5633*E5627 5635 Product Advertising Expense D5635*E5627 5636 Business Fees (Other Operating Taxes) D5636*Sum(E5627:E5635) 5637 Directly Assigned Costs Sum(E5627:E5636) 5639 Total Direct Costs E5627+E5637 5640 5641 Directly Attributed 5642 Network Operations D5642*E5639 5643 Network Support Assets D5643*E5639	0.040393 0.014960 0.000000	\$2.51 \$0.93
B C	0.040393 0.014960 0.000000	\$2.51 \$0.93
5632 Directly Assigned 5632 Product Management Expense D5633*E5627 5634 Sales Expense D5634*E5627 5635 Product Advertising Expense D5635*E5627 5636 Business Fees (Other Operating Taxes) D5636*Sum(E5627:E5635) 5637 Directly Assigned Costs Sum(E5627:E5636) 5638 E5639 Total Direct Costs E5627+E5637 5640 5641 Directly Attributed 5642 Network Operations D5642*E5639 5643 Network Support Assets D5643*E5639	0.040393 0.014960 0.000000	\$2.51 \$0.93
5633 Product Management Expense D5633*E5627 5634 Sales Expense D5634*E5627 5635 Product Advertising Expense D5635*E5627 5636 Business Fees (Other Operating Taxes) D5636*Sum(E5627:E5635) 5637 Directly Assigned Costs Sum(E5627:E5636) 5638 E5627+E5637 5640 E5647 5641 Directly Attributed 5642 Network Operations D5642*E5639 5643 Network Support Assets D5643*E5639	0.014960 0.000000	\$0.93
5634 Sales Expense D5634*E5627 5635 Product Advertising Expense D5635*E5627 5636 Business Fees (Other Operating Taxes) D5636*Sum(E5627:E5635) 5637 Directly Assigned Costs Sum(E5627:E5636) 5638 E5627+E5637 5640 E5641 Directly Attributed 5642 Network Operations D5642*E5639 5643 Network Support Assets D5643*E5639	0.014960 0.000000	\$0.93
5635 Product Advertising Expense D5635*E5627 5636 Business Fees (Other Operating Taxes) D5636*Sum(E5627:E5635) 5637 Directly Assigned Costs Sum(E5627:E5636) 5638 E5627+E5637 5640 E5641 Directly Attributed 5642 Network Operations D5642*E5639 5643 Network Support Assets D5643*E5639	0.000000	
5636 Business Fees (Other Operating Taxes) D5636*Sum(E5627:E5635) 5637 Directly Assigned Costs Sum(E5627:E5636) 5638 E5637 Total Direct Costs 5640 E5647 Library Attributed 5641 Directly Attributed 5642 Network Operations 5643 Network Support Assets D5642*E5639 5643 Network Support Assets D5643*E5639		00.02
5637 Directly Assigned Costs Sum(E5627:E5636) 5638 E5639 Total Direct Costs 5640 E5627+E5637 5641 Directly Attributed 5642 Detwork Operations 5642 Network Operations D5642*E5639 5643 Network Support Assets D5643*E5639	0.042595	φυ.υυ
5638 E5627+E5637 5640 E5627+E5637 5641 Directly Attributed 5642 Network Operations 5642 Network Support Assets D5642*E5639 5643 Network Support Assets D5643*E5639		\$2.79
5639 Total Direct Costs E5627+E5637 5640 5641 Directly Attributed 5642 Network Operations D5642*E5639 5643 Network Support Assets D5643*E5639		\$6.24
5640 5641 Directly Attributed 5642 Network Operations D5642*E5639 5643 Network Support Assets D5643*E5639		
5641 Directly Attributed 5642 Network Operations D5642*E5639 5643 Network Support Assets D5643*E5639		\$68.41
5642 Network Operations D5642*E5639 5643 Network Support Assets D5643*E5639		
5643 Network Support Assets D5643*E5639		
!!	0.056129	\$3.84
	0.014074	\$0.96
5644 General Support Assets D5644*E5639	0.057904	\$3.96
5645 General Purpose Computers D5645*E5639	0.040926	\$2.80
5646 Uncollectible D5646*E5639	0.001136	\$0.08
5647 Accounting & Finance Expense D5647*E5639	0.010471	\$0.72
5648 Human Resources Expense D5648*E5639	0.009808	\$0.67
5649 Information Management Expense D5649*E5639	0.068149	\$4.66
5650 Intangibles D5650*E5639	0.002634	\$0.18
5651 Directly Attributed Costs Sum(E5642:E5650)		\$17.87
5652		
5653 TELRIC E5642+E5651		\$86.28
5654		
5655 Common		
5656 Executive Expense D5656*E5653	0.008052	\$0.69
5657 Planning Expense D5657*E5653	0.000682	\$0.06
5658 External Relations Expense D5658*E5653	0.009631	\$0.83
5659 Legal Expense D5659*E5653	0.007338	\$0.63
5660 Other Procurement Expense D5660*E5653	0.002772	\$0.24
5661 Research & Development Expense D5661*E5653	0.000042	\$0.00
5662 Other General and Admin Expense D5662*E5653	0.019104	\$1.65
5663 Common Costs Sum(E5656:E5662)		
5664		\$4.11
5665 TELRIC + Common Costs E5653+E5663		\$4.11

Qwest Advice No. 3376T Page 493 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B Study Year: 2001

Analyst: Deffley/Eoriatti
Product Group: Interconnection

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	В	С	D	Е	F	G B * (C Thru F)	Н	I H * (G/60)
						2 (0)		(3/33)
UNE-COMBINATION LMC MULTIPLEXER DS1 TO DSO INSTALL manual								
ADD								
-INTERCONNECT SERVICE CENTER								
.6 probability is percent of time this activity will occur7 probability reflects 30% reduction to work time estimates ordered.								
No manual times previously filed in this docket, therefore, current Qwest ISC times applied.								
Review LSR for completeness and accuracy, contractual entries	3	1.000			0.700	2.10	\$40.03	\$1.40
Verify Connecting Facility Assignment (CFA) for facility/circuit availability	1	1.000			0.700	0.70	\$40.03	\$0.47
Exchange info, obtain CO, name, address, office type. Access Telephone Address Guide to obtai CPPD look-up billing USOC's for co-provider	4 2	1.000 1.000			0.700 0.700	2.80 1.40	\$40.03 \$40.03	\$1.87 \$0.93
Summary Bill List-Look up Billing Telephone Number, tax code, and bill date	2	1.000			0.700	1.40	\$40.03	\$0.93
Determine critical dates	1	1.000			0.700	0.70	\$40.03	\$0.47
Populate required fields	3	1.000			0.700	2.10	\$40.03	\$1.40
Type, review and submit to customer the Firm Order Confirmation (FOC)	3	1.000			0.700	2.10	\$40.03	\$1.40
Input order into service order processor. Type and format order for billing and provisioning Ensure order is successfully distributed to the systems and is ready for provisioning	10 3	1.000 1.000			0.700 0.700	7.00 2.10	\$40.03 \$40.03	\$4.67 \$1.40
Handle calls from other departments working the order	5	0.600			0.700	2.10	\$40.03	\$1.40 \$1.40
Handle issues including conditioning, facility, cable&pair	5	0.600			0.700	2.10	\$40.03	\$1.40
Subtotal - INTERCONNECT SERVICE CENTER						26.60		\$17.75
SUBJUICAT - INTERCONNECT SERVICE CENTER						20.00		ψ17.75
-DESIGN								
Probabilities are % manual work required.								
.7 probability reflects 30% reduction to work time estimates ordered. ORDER HANDLING/SCREENING	5	0.200			0.700	0.70	\$44.31	\$0.52
GOC ORDER LOG	6	0.200			0.700	0.70	\$44.31	\$0.62
ENTER WA MASK	5	0.800			0.700	2.80	\$44.31	\$2.07
PREP LOOP INPUT	15	0.750			0.700	7.88	\$44.31	\$5.82
CIRCUIT DESIGN	30	1.000			0.700	21.00	\$44.31	\$15.51
DISTRIBUTE WORD	2	0.900			0.700	1.26	\$44.31	\$0.93
Subtotal - DESIGN						34.48		\$25.46
-CENTRAL OFFICE FRAMES								
.7 probability reflects 30% reduction to work time estimates ordered.								
ANALYZE ORDER	5	1.000			0.700	3.50	\$43.81	\$2.56
CONTACT CCT-I TO WORK ORDER	3	1.000			0.700	2.10	\$43.81	\$1.53
DSX1 CROSS-CONNECT PLACE LOOPBACK TEST PLUG	4 2	1.000 1.000			0.700 0.700	2.80 1.40	\$43.81 \$43.81	\$2.04 \$1.02
HIGH SIDE CONFORMANCE TEST	5	1.000			0.700	3.50	\$43.81	\$2.56
POST COMPLETE IN WFA-DI	2	1.000			0.700	1.40	\$43.81	\$1.02
COMPLETE WITH CCT-I	3	1.000			0.700	2.10	\$43.81	\$1.53

Qwest Advice No. 3376T Page 494 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti
Product Group: Interconnection

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	
						B * (C Thru F)		H * (G/60)
UNE-COMBINATION LMC MULTIPLEXER DS1 TO DSO INSTALL manual (con't)								
Subtotal - CENTRAL OFFICE FRAMES						16.80		\$12.27
-SERVICE DELIVERY IMPLEMENTOR								
.7 probability reflects 30% reduction to work time estimates ordered.								
SCREEN WFA FOR CIRCUIT	15	1.000			0.700	10.50	\$43.81	\$7.67
VERIFY LNO COMPLETION	10	1.000			0.700	7.00	\$43.81	\$5.11
NOTIFY CUSTOMER	5	1.000			0.700	3.50	\$43.81	\$2.56
COMPLETE CIRCUIT IN WFA/C	10	1.000			0.700	7.00	\$43.81	\$5.11
Subtotal - SERVICE DELIVERY IMPLEMENTOR						28.00		\$20.44
Total For Service:						105.88		\$75.92

Qwest Advice No. 3376T Page 495 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G	Н	
						B * (C Thru F)		H * (G/60)

UNE-COMBINATION LMC MULTIPLEXER DS1 TO DSO INSTALL manual (con't)

5764	Cost	Cost	
5765	Calculation	Factor	Cost
5766	ВС	D	Е
5767 Directly Assigned	<u> </u>		
5768 Product Management Expense	D5768*E5762	0.040393	\$3.0
5769 Sales Expense	D5769*E5762	0.014960	\$1.1
5770 Product Advertising Expense	D5770*E5762	0.000000	\$0.0
5771 Business Fees (Other Operating Taxes)	D5771*Sum(E5762:E5770)	0.042595	\$3.4
5772 Directly Assigned Costs	Sum(E5762:E5771)		\$7.6
5773			
5774 Total Direct Costs	E5762+E5772		\$83.5
5775			
5776 Directly Attributed			
5777 Network Operations	D5777*E5774	0.056129	\$4.6
5778 Network Support Assets	D5778*E5774	0.014074	\$1.1
5779 General Support Assets	D5779*E5774	0.057904	\$4.8
5780 General Purpose Computers	D5780*E5774	0.040926	\$3.4
5781 Uncollectible	D5781*E5774	0.001136	\$0.0
5782 Accounting & Finance Expense	D5782*E5774	0.010471	\$0.8
5783 Human Resources Expense	D5783*E5774	0.009808	\$0.8
5784 Information Management Expense	D5784*E5774	0.068149	\$5.6
5785 Intangibles	D5785*E5774	0.002634	\$0.2
5786 Directly Attributed Costs 5787	Sum(E5777:E5785)		\$21.8
5767 5788 TELRIC	E5777+E5786		\$105.3
5789			
5790 Common			
5791 Executive Expense	D5791*E5788	0.008052	\$0.8
5792 Planning Expense	D5792*E5788	0.000682	\$0.0
5793 External Relations Expense	D5793*E5788	0.009631	\$1.0
5794 Legal Expense	D5794*E5788	0.007338	\$0.7
5795 Other Procurement Expense	D5795*E5788	0.002772	\$0.2
5796 Research & Development Expense	D5796*E5788	0.000042	\$0.0
5797 Other General and Admin Expense	D5797*E5788	0.019104	\$2.0
5797 Onler General and Admin Expense 5798 Common Costs			\$5.0

Qwest Advice No. 3376T Page 496 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	B	C	D	 E	F	G	H	
						B * (C Thru F)		H * (G/60)
UNE-COMBINATION LMC MULTIPLEXER DS1 TO DSO DISCONNECT mechanized								
DISCONNECT								
-INTERCONNECT SERVICE CENTER								
Time estimate(s) ordered by commission staff.								
Process order	6	1.000				6.00	\$40.03	\$4.00
1								0.4.00
Subtotal - INTERCONNECT SERVICE CENTER						6.00		\$4.00
-DESIGN								
Probabilities are % manual work required.								
.7 probability reflects 30% reduction to work time estimates ordered.								
ORDER HANDLING/SCREEN	5	0.100			0.700	0.35	\$44.31	\$0.26
GOC ORDER LOG ENTER WA MASK	6	0.100 0.100			0.700 0.700	0.42 0.35	\$44.31 \$44.31	\$0.31 \$0.26
DISCONNECT CIRCUIT	5 5	0.100			0.700	0.35	\$44.31	\$0.26
DISTRIBUTE WORD DOC	2	0.100			0.700	0.14	\$44.31	\$0.10
							,	**
Subtotal - DESIGN						1.61		\$1.19
-CENTRAL OFFICE FRAMES								
Time estimate(s) ordered by commission staff.								
ANALYZE ORDER	2	1.000				2.00	\$43.81	\$1.46
RMV CROSS CONNECT	3	1.000				3.00	\$43.81	\$2.19
Subtotal - CENTRAL OFFICE FRAMES						5.00		\$3.65
Sublotal - CENTRAL OFFICE FRAMES						5.00		\$3.03
-SERVICE DELIVERY IMPLEMENTOR								
.7 probability reflects 30% reduction to work time estimates ordered.								
SCREEN WFA FOR CIRCUIT	5	1.000			0.700	3.50	\$43.81	\$2.56
CONTACT CUSTOMER COMPLETE CIRCUIT IN WFA/C	5 5	1.000 1.000			0.700 0.700	3.50 3.50	\$43.81 \$43.81	\$2.56 \$2.56
CONFLETE CIRCUIT IN WEAVC	5	1.000			0.700	3.50	Ф43.01	φ2.56
Subtotal - SERVICE DELIVERY IMPLEMENTOR						10.50		\$7.67
Trad For One Sta						22.44		
Total For Service:						23.11		\$16.51

Qwest Advice No. 3376T Page 497 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	
						B * (C Thru F)		H * (G/60)

UNE-COMBINATION LMC MULTIPLEXER DS1 TO DSO DISCONNECT mechanized (con't)

5854 5855 5856 5857 <i>Directly Assigned</i> 5858 Product Management Expense 5859 Sales Expense	Calculation B C	Factor D	Cost
5856 5857 <i>Directly Assigned</i> 5858 Product Management Expense 5859 Sales Expense	ВС		
5857 <i>Directly Assigned</i> 5858 Product Management Expense 5859 Sales Expense	DE0E0*EE0E2		Е
5858 Product Management Expense 5859 Sales Expense	DE0E0*EE0E0		
	D5858*E5852	0.040393	\$0.6
	D5859*E5852	0.014960	\$0.2
5860 Product Advertising Expense	D5860*E5852	0.000000	\$0.0
5861 Business Fees (Other Operating Taxes)	D5861*Sum(E5852:E5860)	0.042595	\$0.7
5862 Directly Assigned Costs	Sum(E5852:E5861)		\$1.6
5863			
5864 Total Direct Costs	E5852+E5862		\$18.1
5865			
5866 Directly Attributed			
5867 Network Operations	D5867*E5864	0.056129	\$1.0
5868 Network Support Assets	D5868*E5864	0.014074	\$0.2
5869 General Support Assets	D5869*E5864	0.057904	\$1.0
5870 General Purpose Computers	D5870*E5864	0.040926	\$0.7
5871 Uncollectible	D5871*E5864	0.001136	\$0.0
5872 Accounting & Finance Expense	D5872*E5864	0.010471	\$0.1
5873 Human Resources Expense	D5873*E5864	0.009808	\$0.1
5874 Information Management Expense	D5874*E5864	0.068149	\$1.2
5875 Intangibles	D5875*E5864	0.002634	\$0.0
5876 Directly Attributed Costs	Sum(E5867:E5875)		\$4.7
5877 5878 TELRIC	E5867+E5876		\$22.9
5879	E3007+E3070		\$22.8
5880 Common			
5881 Executive Expense	D5881*E5878	0.008052	\$0.1
5882 Planning Expense	D5882*E5878	0.000682	\$0.0
5883 External Relations Expense	D5883*E5878	0.009631	\$0.2
5884 Legal Expense	D5884*E5878	0.007338	\$0.
5885 Other Procurement Expense	D5885*E5878	0.007330	\$0.0
5886 Research & Development Expense	D5886*E5878	0.000042	\$0.0
5887 Other General and Admin Expense	D5887*E5878	0.019104	\$0.4
	Sum(E5881:E5887)	0.013104	\$1.0
			Ψ1.
5888 Common Costs 5889	(

Qwest Advice No. 3376T Page 498 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti
Product Group: Interconnection

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	В	С	D	E	F	G B * (C Thru F)	Н	H * (G/60)
UNE-COMBINATION LMC MULTIPLEXER DS1 TO DSO DISCONNECT manual								
UNE-COMBINATION LINC MOLTIPLEXER DST TO DSO DISCONNECT Manual								
DISCONNECT								
-INTERCONNECT SERVICE CENTER								
.7 probability reflects 30% reduction to work time estimates ordered.								
No manual times previously filed in this docket, therefore, current Qwest ISC times applied		4 000			0.700	0.40	# 40.00	# 4.40
Review LSR for completeness and accuracy, contractual entries Verify existing account (access CSR in BOSS/CARS) and obtain closing bill address.	3 2	1.000 1.000			0.700 0.700	2.10 1.40	\$40.03 \$40.03	\$1.40 \$0.93
Type, review and submit to customer the Firm Order Confirmation (FOC)	2	1.000			0.700	1.40	\$40.03	\$0.93
Input order into service order processor. Type and format order for billing and provisioning	10	1.000			0.700	7.00	\$40.03	\$4.67
Populate required fields	3	1.000			0.700	2.10	\$40.03	\$1.40
Ensure order is successfully distributed to the systems and is ready for provisioning	3	1.000			0.700	2.10	\$40.03	\$1.40
Subtotal - INTERCONNECT SERVICE CENTER						16.10		\$10.74
DEGIGN								
-DESIGN Probabilities are % manual work required.								
.7 probability reflects 30% reduction to work time estimates ordered.								
ORDER HANDLING/SCREEN	5	0.100			0.700	0.35	\$44.31	\$0.26
GOC ORDER LOG	6	0.100			0.700	0.42	\$44.31	\$0.31
ENTER WA MASK	5	0.100			0.700	0.35	\$44.31	\$0.26
DISCONNECT CIRCUIT DISTRIBUTE WORD DOC	5 2	0.100 0.100			0.700 0.700	0.35 0.14	\$44.31 \$44.31	\$0.26 \$0.10
DISTRIBUTE WORD DOC	2	0.100			0.700	0.14	Ф44.3 I	φυ. τυ
Subtotal - DESIGN						1.61		\$1.19
-CENTRAL OFFICE FRAMES								
Time estimate(s) ordered by commission staff.								
ANALYZE ORDER	2	1.000				2.00	\$43.81	\$1.46
RMV CROSS CONNECT	3	1.000				3.00	\$43.81	\$2.19
Subtotal - CENTRAL OFFICE FRAMES						5.00		\$3.65
-SERVICE DELIVERY IMPLEMENTOR								
.7 probability reflects 30% reduction to work time estimates ordered.								
SCREEN WFA FOR CIRCUIT	5	1.000			0.700	3.50	\$43.81	\$2.56
CONTACT CUSTOMER	5	1.000			0.700	3.50	\$43.81	\$2.56
COMPLETE CIRCUIT IN WFA/C	5	1.000			0.700	3.50	\$43.81	\$2.56
Subtotal - SERVICE DELIVERY IMPLEMENTOR						10.50		\$7.67
Total For Service:						33.21		\$23.25
I Old I Of Selvice.						JJ.Z I		φ ∠ 3.23

Qwest Advice No. 3376T Page 499 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	
						B * (C Thru F)		H * (G/60)

UNE-COMBINATION LMC MULTIPLEXER DS1 TO DSO DISCONNECT manual (con't)

5942 Direct Cost			\$23.25
5943	<u> </u>		
5944	Cost	Cost	
5945	Calculation	Factor	Cost
5946	ВС	D	E
5947 Directly Assigned			
5948 Product Management Expense	D5948*E5942	0.040393	\$0.94
5949 Sales Expense	D5949*E5942	0.014960	\$0.35
5950 Product Advertising Expense	D5950*E5942	0.000000	\$0.00
5951 Business Fees (Other Operating Taxes)	D5951*Sum(E5942:E5950)	0.042595	<u>\$1.05</u>
5952 Directly Assigned Costs	Sum(E5942:E5951)		\$2.33
5953	FF040. FF0F0		# 05.50
5954 Total Direct Costs	E5942+E5952		\$25.58
5955 5956 Directly Attributed			
5957 Network Operations	D5957*E5954	0.056129	\$1.44
5958 Network Support Assets	D5958*E5954	0.014074	\$0.36
5959 General Support Assets	D5959*E5954	0.057904	\$1.48
5960 General Purpose Computers	D5960*E5954	0.040926	\$1.05
5961 Uncollectible	D5961*E5954	0.001136	\$0.03
5962 Accounting & Finance Expense	D5962*E5954	0.010471	\$0.27
5963 Human Resources Expense	D5963*E5954	0.009808	\$0.25
5964 Information Management Expense	D5964*E5954	0.068149	\$1.74
5965 Intangibles	D5965*E5954	0.002634	\$0.07
5966 Directly Attributed Costs	Sum(E5957:E5965)	0.002001	\$6.68
5967	(=5557)		ψ0.00
5968 TELRIC	E5957+E5966		\$32.26
5969			
5970 Common 5971 Executive Expense	D5971*E5968	0.008052	\$0.26
5971 Executive Expense 5972 Planning Expense	D5971*E5966 D5972*E5968	0.000682	\$0.20
	D5972 E5966 D5973*E5968	0.000682	
5973 External Relations Expense 5974 Legal Expense	D5973*E5968 D5974*E5968	0.009631	\$0.31 \$0.24
5975 Other Procurement Expense	D5974 E5966 D5975*E5968	0.007336	\$0.24
5975 Other Procurement Expense 5976 Research & Development Expense	D5975"E5968 D5976*E5968	0.002772	\$0.09
5976 Research & Development Expense 5977 Other General and Admin Expense	D5976 E5966 D5977*E5968	0.000042	\$0.00 \$0.62
5977 Other General and Admin Expense 5978 Common Costs	Sum(E5971:E5977)	0.019104	\$1.54
5979	Sum(ES911.ES911)		φ1.54
5980 TELRIC + Common Costs	E5968+E5978		\$33.80

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Study Name: PART D FINAL ORDER NRC STUDY 7246 B Study Year: 2001

Analyst: Deffley/Eoriatti
Product Group: Interconnection

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	В	С	D	E	F	G B * (C Thru F)	Н	I H * (G/60)
UNE-COMBINATION LMC MULTIPLEXER DS3 TO DS1 INSTALL mechanized								
UNE-COMBINATION LINC MULTIPLEXER D33 TO D31 INSTALL INCUMINED								
ADD								
-INTERCONNECT SERVICE CENTER Time estimate(s) ordered by commission staff. Process order	6	1.000				6.00	\$40.03	\$4.00
Subtotal - INTERCONNECT SERVICE CENTER						6.00		\$4.00
-DESIGN								
Probabilities are % manual work required7 probability reflects 30% reduction to work time estimates ordered. ORDER HANDLING/SCREENING GOC ORDER LOG	5 6	0.200 0.200			0.700 0.700	0.70 0.84	\$44.31 \$44.31	\$0.52 \$0.62
ENTER WA MASK PREP LOOP INPUT CIRCUIT DESIGN	5 15 30	0.800 0.750 1.000			0.700 0.700 0.700	2.80 7.88 21.00	\$44.31 \$44.31 \$44.31	\$2.07 \$5.82 \$15.51
DISTRIBUTE WORD	2	0.900			0.700	1.26	\$44.31	\$0.93
Subtotal - DESIGN						34.48		\$25.46
-CENTRAL OFFICE FRAMES .7 probability reflects 30% reduction to work time estimates ordered.								
ANALYZE ORDER CONTACT CCT-I TO WORK ORDER DSX1 CROSS-CONNECT	5 3 4	1.000 1.000 1.000			0.700 0.700 0.700	3.50 2.10 2.80	\$43.81 \$43.81 \$43.81	\$2.56 \$1.53 \$2.04
PLACE LOOPBACK TEST PLUG HIGH SIDE CONFORMANCE TEST	2 5	1.000 1.000			0.700 0.700	1.40 3.50	\$43.81 \$43.81	\$1.02 \$2.56
POST COMPLETE IN WFA-DI COMPLETE WITH CCT-I	2 3	1.000 1.000			0.700 0.700	1.40 2.10	\$43.81 \$43.81	\$1.02 \$1.53
Subtotal - CENTRAL OFFICE FRAMES						16.80		\$12.27
-SERVICE DELIVERY IMPLEMENTOR								
.7 probability reflects 30% reduction to work time estimates ordered. SCREEN WFA FOR CIRCUIT	15	1.000			0.700	10.50	\$43.81	\$7.67
VERIFY LNO COMPLETION NOTIFY CUSTOMER	10 5	1.000 1.000			0.700 0.700	7.00 3.50	\$43.81 \$43.81	\$5.11 \$2.56
COMPLETE CIRCUIT IN WFA/C	10	1.000			0.700	7.00	\$43.81	\$2.50 \$5.11
Subtotal - SERVICE DELIVERY IMPLEMENTOR						28.00		\$20.44
Total For Service:						85.28		\$62.17
						00.E0		Ψ0 2 .17

Qwest Advice No. 3376T Page 501 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	
						B * (C Thru F)		H * (G/60)

UNE-COMBINATION LMC MULTIPLEXER DS3 TO DS1 INSTALL mechanized (con't)

6032 Direct Cost			\$62.17
6033			
6034	Cost	Cost	
6035	Calculation	Factor	Cost
6036	ВС	D	E
6037 Directly Assigned			
6038 Product Management Expense	D6038*E6032	0.040393	\$2.51
6039 Sales Expense	D6039*E6032	0.014960	\$0.93
6040 Product Advertising Expense	D6040*E6032	0.000000	\$0.00
6041 Business Fees (Other Operating Taxes)	D6041*Sum(E6032:E6040)	0.042595	<u>\$2.79</u>
6042 Directly Assigned Costs	Sum(E6032:E6041)		\$6.24
6043	F0000 F0040		₾ CO 44
6044 Total Direct Costs	E6032+E6042		\$68.41
6045 6046 Directly Attributed			
6047 Network Operations	D6047*E6044	0.056129	\$3.84
6048 Network Support Assets	D6048*E6044	0.014074	\$0.96
6049 General Support Assets	D6049*E6044	0.057904	\$3.96
6050 General Purpose Computers	D6050*E6044	0.040926	\$2.80
6051 Uncollectible	D6051*E6044	0.001136	\$0.08
6052 Accounting & Finance Expense	D6052*E6044	0.010471	\$0.72
6053 Human Resources Expense	D6053*E6044	0.009808	\$0.67
6054 Information Management Expense	D6054*E6044	0.068149	\$4.66
6055 Intangibles	D6055*E6044	0.002634	\$0.18
6056 Directly Attributed Costs	Sum(E6047:E6055)		\$17.87
6057	,		
6058 TELRIC	E6047+E6056		\$86.28
6059			
6060 Common 6061 Executive Expense	D6061*E6058	0.008052	\$0.69
6062 Planning Expense	D6062*E6058	0.000682	\$0.06
6063 External Relations Expense	D6062 E6058	0.009631	\$0.83
6064 Legal Expense	D6063 E6038 D6064*E6058	0.007338	\$0.63
6065 Other Procurement Expense	D6065*E6058	0.007338	\$0.03
6066 Research & Development Expense	D6066*E6058	0.000042	\$0.24
6067 Other General and Admin Expense	D6067*E6058	0.019104	\$1.65
6068 Common Costs	Sum(E6061:E6067)	3.310104	\$4.11
6069			Ψι
6070 TELRIC + Common Costs	E6058+E6068		\$90.39

Qwest Advice No. 3376T Page 502 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B Study Year: 2001

Analyst: Deffley/Eoriatti
Product Group: Interconnection

Time Prob Prob Prob Prob Applied Time Work Item Minutes #1 #2 #3 #4 (Minutes)	Labor /Hour	Cost
A B C D E F G B*(C Thru F	Н	I H * (G/60)
- ((2,22)
UNE-COMBINATION LMC MULTIPLEXER DS3 TO DS1 INSTALL manual		
ADD		
-INTERCONNECT SERVICE CENTER		
.6 probability is percent of time this activity will occur7 probability reflects 30% reduction to work time estimates ordered.		
No manual times previously filed in this docket, therefore, current Qwest ISC times applied.		
Review LSR for completeness and accuracy, contractual entries 3 1.000 0.700 2.		\$1.40
Verify Connecting Facility Assignment (CFA) for facility/circuit availability 1 1.000 0.700 0.		\$0.47
Exchange info, obtain CO, name, address, office type. Access Telephone Address Guide to obtai 4 1.000 0.700 2. CPPD look-up billing USOC's for co-provider 2 1.000 0.700 1.		\$1.87 \$0.93
Summary Bill List-Look up Billing Telephone Number, tax code, and bill date 2 1.000 0.700 1.		\$0.93
Determine critical dates 1 1.000 0.700 0.	70 \$40.03	\$0.47
Populate required fields 3 1.000 0.700 2.		\$1.40
Type, review and submit to customer the Firm Order Confirmation (FOC) 3 1.000 0.700 2.		\$1.40 \$4.67
Input order into service order processor. Type and format order for billing and provisioning 10 1.000 0.700 7. Ensure order is successfully distributed to the systems and is ready for provisioning 3 1.000 0.700 2.		\$4.67 \$1.40
Handle calls from other departments working the order 5 0.600 0.700 2.		\$1.40 \$1.40
Handle issues including conditioning, facility, cable&pair 5 0.600 0.700 2.		\$1.40
Subtotal - INTERCONNECT SERVICE CENTER 26.6	Ō	\$17.75
DECICN		
- <u>DESIGN</u> Probabilities are % manual work required.		
.7 probability reflects 30% reduction to work time estimates ordered.		
ORDER HANDLING/SCREENING 5 0.200 0.700 0.		\$0.52
GOC ORDER LOG 6 0.200 0.700 0.		\$0.62
ENTER WA MASK 5 0.800 0.700 2. PREP LOOP INPUT 15 0.750 0.700 7.		\$2.07 \$5.82
CIRCUIT DESIGN 15 0.750 0.700 7.		ან.62 \$15.51
DISTRIBUTE WORD 2 0.900 0.700 1.		\$0.93
Subtotal - DESIGN 34.4	8	\$25.46
OFNITRAL OFFICE FRANCO		
-CENTRAL OFFICE FRAMES -7 probability reflects 30% reduction to work time estimates ordered.		
ANALYZE ORDER 5 1.000 0.700 3.	50 \$43.81	\$2.56
CONTACT CCT-I TO WORK ORDER 3 1.000 0.700 2.	0 \$43.81	\$1.53
DSX1 CROSS-CONNECT 4 1.000 0.700 2.		\$2.04
PLACE LOOPBACK TEST PLUG 2 1.000 0.700 1. HIGH SIDE CONFORMANCE TEST 5 1.000 0.700 3.		
HIGH SIDE CONFORMANCE TEST 5 1,000 0,700 3.		\$1.02
POST COMPLETE IN WFA-DI 2 1.000 0.700 1.	50 \$43.81	\$1.02 \$2.56 \$1.02

Qwest Advice No. 3376T Page 503 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti
Product Group: Interconnection

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	
						B * (C Thru F)		H * (G/60)
UNE-COMBINATION LMC MULTIPLEXER DS3 TO DS1 INSTALL manual (con't)								
Subtotal - CENTRAL OFFICE FRAMES						16.80		\$12.27
-SERVICE DELIVERY IMPLEMENTOR								
.7 probability reflects 30% reduction to work time estimates ordered.								
SCREEN WFA FOR CIRCUIT	15	1.000			0.700	10.50	\$43.81	\$7.67
VERIFY LNO COMPLETION	10	1.000			0.700	7.00	\$43.81	\$5.11
NOTIFY CUSTOMER	5	1.000			0.700	3.50	\$43.81	\$2.56
COMPLETE CIRCUIT IN WFA/C	10	1.000			0.700	7.00	\$43.81	\$5.11
Subtotal - SERVICE DELIVERY IMPLEMENTOR						28.00		\$20.44
Total For Service:						105.88		\$75.92

Qwest Advice No. 3376T Page 504 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G	Н	
						B * (C Thru F)		H * (G/60)

UNE-COMBINATION LMC MULTIPLEXER DS3 TO DS1 INSTALL manual (con't)

6167 Direct Cost			\$75.92
6168			
6169	Cost	Cost	
6170	Calculation	Factor	Cost
6171	ВС	D	E
6172 Directly Assigned			
6173 Product Management Expense	D6173*E6167	0.040393	\$3.07
6174 Sales Expense	D6174*E6167	0.014960	\$1.14
6175 Product Advertising Expense	D6175*E6167	0.000000	\$0.00
6176 Business Fees (Other Operating Taxes)	D6176*Sum(E6167:E6175)	0.042595	<u>\$3.41</u>
6177 Directly Assigned Costs	Sum(E6167:E6176)		\$7.62
6178			
6179 Total Direct Costs	E6167+E6177		\$83.53
6180			
6181 Directly Attributed			
6182 Network Operations	D6182*E6179	0.056129	\$4.69
6183 Network Support Assets	D6183*E6179	0.014074	\$1.18
6184 General Support Assets	D6184*E6179	0.057904	\$4.84
6185 General Purpose Computers	D6185*E6179	0.040926	\$3.42
6186 Uncollectible	D6186*E6179	0.001136	\$0.09
6187 Accounting & Finance Expense	D6187*E6179	0.010471	\$0.87
6188 Human Resources Expense	D6188*E6179	0.009808	\$0.82
6189 Information Management Expense	D6189*E6179	0.068149	\$5.69
6190 Intangibles	D6190*E6179	0.002634	\$0.22
6191 Directly Attributed Costs	Sum(E6182:E6190)		\$21.82
6192			0105.05
6193 TELRIC	E6182+E6191		\$105.35
6194			
6195 Common			
6196 Executive Expense	D6196*E6193	0.008052	\$0.85
6197 Planning Expense	D6197*E6193	0.000682	\$0.07
6198 External Relations Expense	D6198*E6193	0.009631	\$1.01
6199 Legal Expense	D6199*E6193	0.007338	\$0.77
6200 Other Procurement Expense	D6200*E6193	0.002772	\$0.29
6201 Research & Development Expense	D6201*E6193	0.000042	\$0.00
6202 Other General and Admin Expense	D6202*E6193	0.019104	\$2.01
6203 Common Costs	Sum(E6196:E6202)		\$5.02
6204			
6205 TELRIC + Common Costs	E6193+E6203		\$110.37

Qwest Advice No. 3376T Page 505 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	B	C	#2 D	#3 E	# **	G	H	UUSI
	_	-	_	_	•	B * (C Thru F)	* *	H * (G/60)
UNE-COMBINATION LMC MULTIPLEXER DS3 TO DS1 DISCONNECT mechanized								
DISCONNECT								
-INTERCONNECT SERVICE CENTER								
Time estimate(s) ordered by commission staff.								
Process order	6	1.000				6.00	\$40.03	\$4.00
Subtotal - INTERCONNECT SERVICE CENTER						6.00		\$4.00
-DESIGN								
Probabilities are % manual work required. Reciprocal is mechanization rate.								
.7 probability reflects 30% reduction to work time estimates ordered.								
ORDER HANDLING/SCREEN	5	0.100			0.700	0.35	\$44.31	\$0.26
GOC ORDER LOG	6	0.100			0.700	0.42	\$44.31	\$0.31
ENTER WA MASK	5	0.100			0.700	0.35	\$44.31	\$0.26
DISCONNECT CIRCUIT DISTRIBUTE WORD DOC	5 2	0.100 0.100			0.700 0.700	0.35 0.14	\$44.31 \$44.31	\$0.26 \$0.10
DISTRIBUTE WORD DOC	2	0.100			0.700	0.14	ψ44.51	φ0.10
Subtotal - DESIGN						1.61		\$1.19
CENTRAL OFFICE FRANCE								
-CENTRAL OFFICE FRAMES Time estimate(s) ordered by commission staff.								
ANALYZE ORDER	2	1.000				2.00	\$43.81	\$1.46
RMV CROSS CONNECT	3	1.000				3.00	\$43.81	\$2.19
Subtotal - CENTRAL OFFICE FRAMES						5.00		\$3.65
-SERVICE DELIVERY IMPLEMENTOR								
.7 probability reflects 30% reduction to work time estimates ordered.								
SCREEN WFA FOR CIRCUIT	5	1.000			0.700	3.50	\$43.81	\$2.56
CONTACT CUSTOMER	5	1.000			0.700	3.50	\$43.81	\$2.56
COMPLETE CIRCUIT IN WFA/C	5	1.000			0.700	3.50	\$43.81	\$2.56
Subtotal - SERVICE DELIVERY IMPLEMENTOR						10.50		\$7.67
								•
Total For Service:						23.11		\$16.51

Qwest Advice No. 3376T Page 506 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	
						B * (C Thru F)		H * (G/60)

UNE-COMBINATION LMC MULTIPLEXER DS3 TO DS1 DISCONNECT mechanized (con't)

6257 Direct Cost			\$16.5
6258			
6259	Cost	Cost	
6260	Calculation	Factor	Cost
6261	ВС	D	E
6262 Directly Assigned	•		
6263 Product Management Expense	D6263*E6257	0.040393	\$0.6
6264 Sales Expense	D6264*E6257	0.014960	\$0.2
6265 Product Advertising Expense	D6265*E6257	0.000000	\$0.0
6266 Business Fees (Other Operating Taxes)	D6266*Sum(E6257:E6265)	0.042595	\$0.7
6267 Directly Assigned Costs	Sum(E6257:E6266)		\$1.6
6268			
6269 Total Direct Costs	E6257+E6267		\$18.
6270			
6271 Directly Attributed			
6272 Network Operations	D6272*E6269	0.056129	\$1.0
6273 Network Support Assets	D6273*E6269	0.014074	\$0.
6274 General Support Assets	D6274*E6269	0.057904	\$1.
6275 General Purpose Computers	D6275*E6269	0.040926	\$0.
6276 Uncollectible	D6276*E6269	0.001136	\$0.0
6277 Accounting & Finance Expense	D6277*E6269	0.010471	\$0.
6278 Human Resources Expense	D6278*E6269	0.009808	\$0.
6279 Information Management Expense	D6279*E6269	0.068149	\$1.2
6280 Intangibles	D6280*E6269	0.002634	\$0.0
6281 Directly Attributed Costs	Sum(E6272:E6280)		\$4.7
6282	F2070 F2004		\$00.
6283 TELRIC 6284	E6272+E6281		\$22.9
6285 Common			
6286 Executive Expense	D6286*E6283	0.008052	\$0.
6287 Planning Expense	D6287*E6283	0.000682	\$0. \$0.
6288 External Relations Expense	D6287 E6283	0.000682	\$0.
6289 Legal Expense	D6288 E6283	0.009631	\$0. \$0.
6290 Other Procurement Expense	D6269 E6263 D6290*E6283	0.007336	\$0. \$0.
6291 Research & Development Expense	D6290 E6263 D6291*E6283	0.002772	\$0.0 \$0.0
6292 Other General and Admin Expense	D6291*E6283	0.019104	\$0. \$0.
6293 Common Costs	Sum(E6286:E6292)	0.018104	\$1.0
6294	Juii(E0200.E0232)		φ1.
6295 TELRIC + Common Costs	E6283+E6293		\$24.0

Qwest Advice No. 3376T Page 507 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B Study Year: 2001

Analyst: Deffley/Eoriatti
Product Group: Interconnection

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G B * (C Thru F)	Н	I H * (G/60)
						(,		()
UNE-COMBINATION LMC MULTIPLEXER DS3 TO DS1 DISCONNECT manual								
DISCONNECT								
-INTERCONNECT SERVICE CENTER								
.7 probability reflects 30% reduction to work time estimates ordered. No manual times previously filed in this docket, therefore, current Qwest ISC times applied.								
Review LSR for completeness and accuracy, contractual entries	3	1.000			0.700	2.10	\$40.03	\$1.40
Verify existing account (access CSR in BOSS/CARS) and obtain closing bill address.	2	1.000			0.700	1.40	\$40.03	\$0.93
Type, review and submit to customer the Firm Order Confirmation (FOC)	2	1.000			0.700	1.40	\$40.03	\$0.93
Input order into service order processor. Type and format order for billing and provisioning	10	1.000			0.700	7.00	\$40.03	\$4.67
Populate required fields	3	1.000			0.700	2.10	\$40.03	\$1.40
Ensure order is successfully distributed to the systems and is ready for provisioning	3	1.000			0.700	2.10	\$40.03	\$1.40
Subtotal - INTERCONNECT SERVICE CENTER						16.10		\$10.74
-DESIGN								
Probabilities are % manual work required. Reciprocal is mechanization rate.								
.7 probability reflects 30% reduction to work time estimates ordered.								
OŔDER HAŃDLING/SCREEN	5	0.100			0.700	0.35	\$44.31	\$0.26
GOC ORDER LOG	6	0.100			0.700	0.42	\$44.31	\$0.31
ENTER WA MASK	5	0.100			0.700	0.35	\$44.31	\$0.26
DISCONNECT CIRCUIT	5	0.100			0.700	0.35	\$44.31	\$0.26
DISTRIBUTE WORD DOC	2	0.100			0.700	0.14	\$44.31	\$0.10
Subtotal - DESIGN						1.61		\$1.19
-CENTRAL OFFICE FRAMES								
Time estimate(s) ordered by commission staff.								
ANALYZE ORDER	2	1.000				2.00	\$43.81	\$1.46
RMV CROSS CONNECT	3	1.000				3.00	\$43.81	\$2.19
Subtotal - CENTRAL OFFICE FRAMES						5.00		\$3.65
-SERVICE DELIVERY IMPLEMENTOR								
.7 probability reflects 30% reduction to work time estimates ordered.								
SCREEN WEA FOR CIRCUIT	5	1.000			0.700	3.50	\$43.81	\$2.56
CONTACT CUSTOMER	5	1.000			0.700	3.50	\$43.81	\$2.56
COMPLETE CIRCUIT IN WFA/C	5	1.000			0.700	3.50	\$43.81	\$2.56
Subtotal - SERVICE DELIVERY IMPLEMENTOR						10.50		\$7.67
Total For Service:						33.21		\$23.25
Total For Service:						აა.21		⊅∠ 3.∠5

Qwest Advice No. 3376T Page 508 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	
						B * (C Thru F)		H * (G/60)

UNE-COMBINATION LMC MULTIPLEXER DS3 TO DS1 DISCONNECT manual (con't)

6347 Direct Cost			\$23.25
6348	<u>.</u>		
6349	Cost	Cost	
6350	Calculation	Factor	Cost
6351	ВС	D	E
6352 Directly Assigned			
6353 Product Management Expense	D6353*E6347	0.040393	\$0.94
6354 Sales Expense	D6354*E6347	0.014960	\$0.35
6355 Product Advertising Expense	D6355*E6347	0.000000	\$0.00
6356 Business Fees (Other Operating Taxes)	D6356*Sum(E6347:E6355)	0.042595	\$1.05
6357 Directly Assigned Costs	Sum(E6347:E6356)		\$2.33
6358			
6359 Total Direct Costs	E6347+E6357		\$25.58
6360			
6361 Directly Attributed			
6362 Network Operations	D6362*E6359	0.056129	\$1.44
6363 Network Support Assets	D6363*E6359	0.014074	\$0.36
6364 General Support Assets	D6364*E6359	0.057904	\$1.48
6365 General Purpose Computers	D6365*E6359	0.040926	\$1.05
6366 Uncollectible	D6366*E6359	0.001136	\$0.03
6367 Accounting & Finance Expense	D6367*E6359	0.010471	\$0.27
6368 Human Resources Expense	D6368*E6359	0.009808	\$0.25
6369 Information Management Expense	D6369*E6359	0.068149	\$1.74
6370 Intangibles	D6370*E6359	0.002634	\$0.07
6371 Directly Attributed Costs	Sum(E6362:E6370)		\$6.68
6372			•
6373 TELRIC	E6362+E6371		\$32.26
6374			
6375 Common			
6376 Executive Expense	D6376*E6373	0.008052	\$0.26
6377 Planning Expense	D6377*E6373	0.000682	\$0.02
6378 External Relations Expense	D6378*E6373	0.009631	\$0.31
6379 Legal Expense	D6379*E6373	0.007338	\$0.24
6380 Other Procurement Expense	D6380*E6373	0.002772	\$0.09
6381 Research & Development Expense	D6381*E6373	0.000042	\$0.00
6382 Other General and Admin Expense	D6382*E6373	0.019104	\$0.62
6383 Common Costs	Sum(E6376:E6382)		\$1.54
6384			
6385 TELRIC + Common Costs	E6373+E6383		\$33.80

Qwest Advice No. 3376T Page 509 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B Study Year: 2001

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	В	C	D	Ē	F	G B * (C Thru F)	Н	H * (G/60)
UNE-COMBINATION LMC-LOOP DS0 FIRST INSTALL mechanized								
<u>*ADD*</u>								
-INTERCONNECT SERVICE CENTER Time estimate(s) ordered by commission staff. Process order	6	1.000				6.00	\$40.03	\$4.00
Subtotal - INTERCONNECT SERVICE CENTER						6.00		\$4.00
-LOOP PROVISIONING CENTER (LPC) .7 probability reflects 30% reduction to work time estimates ordered. Probability is % manual work required. Commision staff ordered. Clear RMA (Request for manual assistance)	11.25	0.150			0.700	1.18	\$37.78	\$0.74
Subtotal - LOOP PROVISIONING CENTER (LPC)						1.18		\$0.74
-DESIGN Probabilities are % manual work required7 probability reflects 30% reduction to work time estimates ordered. Order handling/screening GOC (Generic Order Control) order log Enter WA (Work Authorization) mask Prepare loop input/DRI (Design Related Information) Circuit design Distribute WORD (Work Order Record Detail) document	5 6 5 10 20 2	0.200 0.200 0.100 0.200 0.100 0.050			0.700 0.700 0.700 0.700 0.700 0.700	0.70 0.84 0.35 1.40 1.40 0.07	\$44.31 \$44.31 \$44.31 \$44.31 \$44.31	\$0.52 \$0.62 \$0.26 \$1.03 \$1.03 \$0.05
Subtotal - DESIGN						4.76		\$3.52
-CO .7 probability reflects 30% reduction to work time estimates ordered. ANALYZE ORDER 1 JUMPER TEST CIRCUIT COMPLETE IN WFA-DI COMPLETE ORDER WITH CCT-I	5 4 15 2 3	1.000 1.000 1.000 1.000 1.000			0.700 0.700 0.700 0.700 0.700	3.50 2.80 10.50 1.40 2.10	\$43.81 \$43.81 \$43.81 \$43.81 \$43.81	\$2.56 \$2.04 \$7.67 \$1.02 \$1.53
Subtotal - CO						20.30		\$14.82
-LOAD RESOURCE ADMINISTRATION CENTER (LRAC) .7 probability reflects 30% reduction to work time estimates ordered. Screen order Load work request to technician Close out work request with technician	2 5 3	1.000 1.000 1.000			0.700 0.700 0.700	1.40 3.50 2.10	\$37.78 \$37.78 \$37.78	\$0.88 \$2.20 \$1.32

Qwest Advice No. 3376T Page 510 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B Study Year: 2001

Analyst: Deffley/Eoriatti
Product Group: Interconnection

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A A	B		D	#3 F	## F	G	H	l
^	Б	O	D	_	'	B * (C Thru F)		H * (G/60)
UNE-COMBINATION LMC-LOOP DS0 FIRST INSTALL mechanized (con't)								
Subtotal - LOAD RESOURCE ADMINISTRATION CENTER (LRAC)						7.00		\$4.4
-INSTALLATION/FIELD TECHNICIAN								
.7 probability reflects 30% reduction to work time estimates ordered.								
Travel to end user premises	21	1.000			0.700	14.70	\$42.68	\$10.4
0.2 probability is percent of time access/sac point work required.								
Complete AP/SAC (Access Point/Serving Area Connection) Point wiring	13	0.200			0.700	1.82	\$42.68	\$1.2
Contact CCT-I (Customer Communication Technician-Implementor) to work order	3	1.000			0.700	2.10	\$42.68	\$1.4
Complete performance/conformance testing	15	1.000			0.700	10.50	\$42.68	\$7.4
Report test results to CCT-I (Customer Communication Technician-Implementor)	2	1.000			0.700	1.40	\$42.68	\$1.0
Contact LRAC (Load Resource Administration Center) to close order	3	1.000			0.700	2.10	\$42.68	\$1.4
Subtotal - INSTALLATION/FIELD TECHNICIAN						32.62		\$23.2
-SERVICE DELIVERY IMPLEMENTOR								
.7 probability reflects 30% reduction to work time estimates ordered.								
Screen WFA (Work Force Administration) for circuit	15	1.000			0.700	10.50	\$43.81	\$7.6
Verify LNO (Local Network Operation) completion	10	1.000			0.700	7.00	\$43.81	\$5.
Complete performance testing	15	1.000			0.700	10.50	\$43.81	\$7.0
Notify customer/co-provider of work completion	5	1.000			0.700	3.50	\$43.81	\$2.
Post order complete in WFA/C (Work Force Administration - Control Module)	10	1.000			0.700	7.00	\$43.81	\$5.
Subtotal - SERVICE DELIVERY IMPLEMENTOR						38.50		\$28.1
Total For Service:						110.36		\$78.8

Qwest Advice No. 3376T Page 511 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G	Н	
						B * (C Thru F)		H * (G/60)

UNE-COMBINATION LMC-LOOP DS0 FIRST INSTALL mechanized (con't)

6482 Direct Cost			\$78.81
6483	<u> </u>		
6484	Cost	Cost	
6485	Calculation	Factor	Cost
6486	ВС	D	E
6487 Directly Assigned			
6488 Product Management Expense	D6488*E6482	0.040393	\$3.18
6489 Sales Expense	D6489*E6482	0.014960	\$1.18
6490 Product Advertising Expense	D6490*E6482	0.000000	\$0.00
6491 Business Fees (Other Operating Taxes)	D6491*Sum(E6482:E6490)	0.042595	\$3.54
6492 Directly Assigned Costs	Sum(E6482:E6491)		\$7.90
6493 6494 Total Direct Costs	E6482+E6492		\$86.71
6495	E0402+E0432		φου.7 Ι
6496 Directly Attributed			
6497 Network Operations	D6497*E6494	0.056129	\$4.87
6498 Network Support Assets	D6498*E6494	0.014074	\$1.22
6499 General Support Assets	D6499*E6494	0.057904	\$5.02
6500 General Purpose Computers	D6500*E6494	0.040926	\$3.55
6501 Uncollectible	D6501*E6494	0.001136	\$0.10
6502 Accounting & Finance Expense	D6502*E6494	0.010471	\$0.91
6503 Human Resources Expense	D6503*E6494	0.009808	\$0.85
6504 Information Management Expense	D6504*E6494	0.068149	\$5.91
6505 Intangibles	D6505*E6494	0.002634	\$0.23
6506 Directly Attributed Costs	Sum(E6497:E6505)		\$22.65
6507	, ,		
6508 TELRIC	E6497+E6506		\$109.36
6509 6510 Common			
6511 Executive Expense	D6511*E6508	0.008052	\$0.88
6512 Planning Expense	D6512*E6508	0.000682	\$0.07
6513 External Relations Expense	D6513*E6508	0.009631	\$1.05
6514 Legal Expense	D6514*E6508	0.007338	\$0.80
6515 Other Procurement Expense	D6515*E6508	0.002772	\$0.30
6516 Research & Development Expense	D6516*E6508	0.000042	\$0.00
6517 Other General and Admin Expense	D6517*E6508	0.019104	\$2.09
6518 Common Costs	Sum(E6511:E6517)	2:310101	\$5.21
6519			
6520 TELRIC + Common Costs	E6508+E6518		\$114.57

Qwest Advice No. 3376T Page 512 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	В	С	D	Е	F	G B * (C Thru F)	Н	I H * (G/60)
UNE-COMBINATION LMC-LOOP DS0 FIRST INSTALL manual								
* <u>ADD*</u>								
INTERCONNECT SERVICE CENTER								
.6 probability is percent of time this activity will occur.								
.7 probability reflects 30% reduction to work time estimates ordered.								
No manual times previously filed in this docket, therefore, current Qwest ISC times applied.								
Review LSR for completeness and accuracy, contractual entries	3	1.000			0.700	2.10	\$40.03	\$1.4
Verify Connecting Facility Assignment (CFA) for facility/circuit availability	1	1.000			0.700	0.70	\$40.03	\$0.4
Exchange info, obtain CO, name, address, office type. Access Telephone Address Guide to obtain	4	1.000			0.700	2.80	\$40.03	\$1.8
CPPD look-up billing USOC's for co-provider	2	1.000			0.700	1.40	\$40.03	\$0.9
Summary Bill List-Look up Billing Telephone Number, tax code, and bill date	2	1.000			0.700	1.40	\$40.03	\$0.9
Determine critical dates	1	1.000			0.700	0.70	\$40.03	\$0.4
Populate required fields	3	1.000			0.700	2.10	\$40.03	\$1.4
Type, review and submit to customer the Firm Order Confirmation (FOC)	3	1.000			0.700	2.10	\$40.03	\$1.4
Input order into service order processor. Type and format order for billing and provisioning	10 3	1.000 1.000			0.700 0.700	7.00	\$40.03 \$40.03	\$4.6
Ensure order is successfully distributed to the systems and is ready for provisioning Handle calls from other departments working the order	ა 	0.600			0.700	2.10 2.10	\$40.03 \$40.03	\$1.4 \$1.4
Handle issues including conditioning, facility, cable&pair	5	0.600			0.700	2.10	\$40.03	\$1.4 \$1.4
Subtotal - INTERCONNECT SERVICE CENTER						26.60		\$17.7
LOOP PROVISIONING CENTER (LPC)								
Probability is % manual work required. Commision staff ordered.								
.7 probability reflects 30% reduction to work time estimates ordered.								
Clear RMA (Request for manual assistance)	11.25	0.150			0.700	1.18	\$37.78	\$0.7
Subtotal - LOOP PROVISIONING CENTER (LPC)						1.18		\$0.7
DESIGN								
Probabilities are % manual work required.								
.7 probability reflects 30% reduction to work time estimates ordered.								
Order handling/screening	5	0.200			0.700	0.70	\$44.31	\$0.5
GOC (Generic Order Control) order log	6	0.200			0.700	0.84	\$44.31	\$0.6
Enter WA (Work Authorization) mask	5	0.100			0.700	0.35	\$44.31	\$0.2
Prepare loop input/DRI (Design Related Information)	10	0.200			0.700	1.40	\$44.31	\$1.0
Circuit design	20	0.100			0.700	1.40	\$44.31	\$1.0
Distribute WORD (Work Order Record Detail) document	2	0.050			0.700	0.07	\$44.31	\$0.0
Subtotal - DESIGN						4.76		\$3.5

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^{.7} probability reflects 30% reduction to work time estimates ordered.

Qwest Advice No. 3376T Page 513 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti
Product Group: Interconnection

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	I
						B * (C Thru F)		H * (G/60)
UNE-COMBINATION LMC-LOOP DS0 FIRST INSTALL manual (con't)								
ANALYZE ORDER	5	1.000			0.700	3.50	\$43.81	\$2.56
1 JUMPER	4	1.000			0.700	2.80	\$43.81	\$2.04
TEST CIRCUIT	15	1.000			0.700	10.50	\$43.81	\$7.67
COMPLETE IN WFA-DI	2	1.000			0.700	1.40	\$43.81	\$1.02
COMPLETE ORDER WITH CCT-I	3	1.000			0.700	2.10	\$43.81	\$1.53
								·
Subtotal - CO						20.30		\$14.82
-LOAD RESOURCE ADMINISTRATION CENTER (LRAC)								
.7 probability reflects 30% reduction to work time estimates ordered.								
Screen order	2	1.000			0.700	1.40	\$37.78	\$0.88
Load work request to technician	5	1.000			0.700	3.50	\$37.78	\$2.20
Close out work request with technician	3	1.000			0.700	2.10	\$37.78	\$1.32
						7.00		64.44
Subtotal - LOAD RESOURCE ADMINISTRATION CENTER (LRAC)						7.00		\$4.41
-INSTALLATION/FIELD TECHNICIAN								
.7 probability reflects 30% reduction to work time estimates ordered.								
Travel to end user premises	21	1.000			0.700	14.70	\$42.68	\$10.46
0.2 probability is percent of time access/sac point work required.								
Complete AP/SAC (Access Point/Serving Area Connection) Point wiring	13	0.200			0.700	1.82	\$42.68	\$1.29
Contact CCT-I (Customer Communication Technician-Implementor) to work order	3	1.000			0.700	2.10	\$42.68	\$1.49
Complete performance/conformance testing	15	1.000			0.700	10.50	\$42.68	\$7.47
Report test results to CCT-I (Customer Communication Technician-Implementor)	2	1.000			0.700	1.40	\$42.68	\$1.00
Contact LRAC (Load Resource Administration Center) to close order	3	1.000			0.700	2.10	\$42.68	\$1.49
Subtotal - INSTALLATION/FIELD TECHNICIAN						32.62		\$23.20
SEDVICE DELIVEDY IMPLEMENTOR								
-SERVICE DELIVERY IMPLEMENTOR .7 probability reflects 30% reduction to work time estimates ordered.								
Screen WFA (Work Force Administration) for circuit	15	1.000			0.700	10.50	\$43.81	\$7.67
Verify LNO (Local Network Operation) completion	10	1.000			0.700	7.00	\$43.81	\$7.07 \$5.11
Complete performance testing	15	1.000			0.700	10.50	\$43.81	\$7.67
Notify customer/co-provider of work completion	5	1.000			0.700	3.50	\$43.81	\$2.56
Post order complete in WFA/C (Work Force Administration - Control Module)	10	1.000			0.700	7.00	\$43.81	\$5.11
,								+
Subtotal - SERVICE DELIVERY IMPLEMENTOR						38.50		\$28.11
Total For Service:						130.96		\$92.55
								\$52.00

Qwest Advice No. 3376T Page 514 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	
						B * (C Thru F)		H * (G/60)

UNE-COMBINATION LMC-LOOP DS0 FIRST INSTALL manual (con't)

6617 Direct Cost			\$92.55
6618			
6619	Cost	Cost	
6620	Calculation	Factor	Cost
6621	ВС	D	Е
6622 Directly Assigned			
6623 Product Management Expense	D6623*E6617	0.040393	\$3.74
6624 Sales Expense	D6624*E6617	0.014960	\$1.38
6625 Product Advertising Expense	D6625*E6617	0.000000	\$0.00
6626 Business Fees (Other Operating Taxes)	D6626*Sum(E6617:E6625)	0.042595	\$4.16
6627 Directly Assigned Costs	Sum(E6617:E6626)		\$9.28
6628			
6629 Total Direct Costs	E6617+E6627		\$101.83
6630			
6631 Directly Attributed			
6632 Network Operations	D6632*E6629	0.056129	\$5.72
6633 Network Support Assets	D6633*E6629	0.014074	\$1.43
6634 General Support Assets	D6634*E6629	0.057904	\$5.90
6635 General Purpose Computers	D6635*E6629	0.040926	\$4.17
6636 Uncollectible	D6636*E6629	0.001136	\$0.12
6637 Accounting & Finance Expense	D6637*E6629	0.010471	\$1.07
6638 Human Resources Expense	D6638*E6629	0.009808	\$1.00
6639 Information Management Expense	D6639*E6629	0.068149	\$6.94
6640 Intangibles	D6640*E6629	0.002634	\$0.27
6641 Directly Attributed Costs	Sum(E6632:E6640)		\$26.60
6642			.
6643 TELRIC	E6632+E6641		\$128.44
6644 6645 Common			
	D6646*E6643	0.000050	64.00
6646 Executive Expense	D6647*E6643	0.008052 0.000682	\$1.03
6647 Planning Expense			\$0.09
6648 External Relations Expense	D6648*E6643 D6649*E6643	0.009631 0.007338	\$1.24 \$0.94
6649 Legal Expense			
6650 Other Procurement Expense	D6650*E6643 D6651*E6643	0.002772 0.000042	\$0.36 \$0.01
6651 Research & Development Expense 6652 Other General and Admin Expense	D6652*E6643	0.000042	\$0.01 \$2.45
6653 Common Costs	Sum(E6646:E6652)	0.019104	\$2.45 \$6.12
6654	Sum(E0040:E0032)		\$0.12
6655 TELRIC + Common Costs	E6643+E6653		\$134.55
0000 ILLINO + COMMON COSIS	LUU-STLUUSS		ψ104.00

Qwest Advice No. 3376T Page 515 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B Study Year: 2001

Analyst: Deffley/Eoriatti
Product Group: Interconnection

Work Item	Time Minutes	Prob #1	Prob #2	Prob	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	B	C	D	#3 E	# ** F	G	H	Losi
						B * (C Thru F)		H * (G/60)
UNE-COMBINATION LMC-LOOP DS0 FIRST DISCONNECT mechanized								
DISCONNECT								
-INTERCONNECT SERVICE CENTER								
Time estimate(s) ordered by commission staff.	•	4 000				0.00	# 40.00	# 4.00
Process order	6	1.000				6.00	\$40.03	\$4.00
Subtotal - INTERCONNECT SERVICE CENTER						6.00		\$4.00
-LOOP PROVISIONING CENTER (LPC)								
Probability is % manual work required. Commision staff ordered.								
.7 probability reflects 30% reduction to work time estimates ordered.								
Clear RMA (Request for manual assistance)	11.25	0.150			0.700	1.18	\$37.78	\$0.74
Subtotal - LOOP PROVISIONING CENTER (LPC)						1.18		\$0.74
, ,								* -
-DESIGN								
Probabilities are % manual work required.								
.7 probability reflects 30% reduction to work time estimates ordered. Order handling/screening	5	0.100			0.700	0.35	\$44.31	\$0.26
GOC (Generic Order Control) order log	6	0.100			0.700	0.42	\$44.31	\$0.20
Enter WA (Work Authorization) mask	5	0.100			0.700	0.35	\$44.31	\$0.26
Disconnect circuit	5	0.100			0.700	0.35	\$44.31	\$0.26
Distribute WORD (Work Order Record Detail) document	2	0.050			0.700	0.07	\$44.31	\$0.05
Subtotal - DESIGN						1.54		\$1.14
-co								
Time estimate(s) ordered by commission staff.								
ANALYZE ORDER	2	1.000				2.00	\$43.81	\$1.46
DISC JUMPER	3	1.000				3.00	\$43.81	\$2.19
Subtotal - CO						5.00		\$3.65
-SERVICE DELIVERY IMPLEMENTOR								
.7 probability reflects 30% reduction to work time estimates ordered.								
Screen WFA (Work Force Administration) for circuit	5	1.000			0.700	3.50	\$43.81	\$2.56
Contact customer	5	1.000			0.700	3.50	\$43.81	\$2.56
Complete circuit in WFA/C (Work Force Administration - Control Module)	5	1.000			0.700	3.50	\$43.81	\$2.56
Subtotal - SERVICE DELIVERY IMPLEMENTOR						10.50		\$7.67
Total Fay Camina						24.22		647.00
Total For Service:						24.22		\$17.20

Qwest Advice No. 3376T Page 516 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G	Н	
						B * (C Thru F)		H * (G/60)

UNE-COMBINATION LMC-LOOP DS0 FIRST DISCONNECT mechanized (con't)

6707 Direct Cost			\$17.2
6708			
6709	Cost	Cost	
6710	Calculation	Factor	Cost
6711	ВС	D	E
6712 Directly Assigned	' -		
6713 Product Management Expense	D6713*E6707	0.040393	\$0.6
6714 Sales Expense	D6714*E6707	0.014960	\$0.
6715 Product Advertising Expense	D6715*E6707	0.000000	\$0.
6716 Business Fees (Other Operating Taxes)	D6716*Sum(E6707:E6715)	0.042595	\$0.
6717 Directly Assigned Costs	Sum(E6707:E6716)		\$1.
6718			
6719 Total Direct Costs	E6707+E6717		\$18.
6720			
6721 Directly Attributed			
6722 Network Operations	D6722*E6719	0.056129	\$1.
6723 Network Support Assets	D6723*E6719	0.014074	\$0.
6724 General Support Assets	D6724*E6719	0.057904	\$1.
6725 General Purpose Computers	D6725*E6719	0.040926	\$0.
6726 Uncollectible	D6726*E6719	0.001136	\$0.
6727 Accounting & Finance Expense	D6727*E6719	0.010471	\$0.
6728 Human Resources Expense	D6728*E6719	0.009808	\$0.
6729 Information Management Expense	D6729*E6719	0.068149	\$1.
6730 Intangibles	D6730*E6719	0.002634	\$0.
6731 Directly Attributed Costs	Sum(E6722:E6730)		\$4.
6732 TELRIC	E6722+E6731		\$23.
6734	E0722+E0731		Ψ23.
6735 Common			
6736 Executive Expense	D6736*E6733	0.008052	\$0.
6737 Planning Expense	D6737*E6733	0.000682	\$0.
6738 External Relations Expense	D6738*E6733	0.000631	\$0.
6739 Legal Expense	D6739*E6733	0.009031	\$0. \$0.
6740 Other Procurement Expense	D6740*E6733	0.007338	\$0.
6741 Research & Development Expense	D6741*E6733	0.002772	\$0. \$0.
6742 Other General and Admin Expense	D6742*E6733	0.019104	\$0.
6743 Common Costs	Sum(E6736:E6742)	3.013104	\$1.
6744	Odin(Loroo.Lor 42)		Ψ1.
6745 TELRIC + Common Costs	E6733+E6743		\$25.

Qwest Advice No. 3376T Page 517 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti
Product Group: Interconnection

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	В	С	D	E	F	G B * (C Thru F)	Н	I H * (G/60)
						2 (0 111101)		(5/55)
UNE-COMBINATION LMC-LOOP DS0 FIRST DISCONNECT manual								
DISCONNECT								
-INTERCONNECT SERVICE CENTER								
.7 probability reflects 30% reduction to work time estimates ordered. No manual times previously filed in this docket, therefore, current Qwest ISC times applied.								
Review LSR for completeness and accuracy, contractual entries	3	1.000			0.700	2.10	\$40.03	\$1.40
Verify existing account (access CSR in BOSS/CARS) and obtain closing bill address.	2	1.000			0.700	1.40	\$40.03	\$0.93
Type, review and submit to customer the Firm Order Confirmation (FOC) Input order into service order processor. Type and format order for billing and provisioning	2 10	1.000 1.000			0.700 0.700	1.40 7.00	\$40.03 \$40.03	\$0.93 \$4.67
Populate required fields	3	1.000			0.700	2.10	\$40.03 \$40.03	\$4.67 \$1.40
Ensure order is successfully distributed to the systems and is ready for provisioning	3	1.000			0.700	2.10	\$40.03	\$1.40
Subtotal - INTERCONNECT SERVICE CENTER						16.10		\$10.74
-LOOP PROVISIONING CENTER (LPC)								
Probability is % manual work required. Commision staff ordered.								
.7 probability reflects 30% reduction to work time estimates ordered.								
Clear RMA (Request for manual assistance)	11.25	0.150			0.700	1.18	\$37.78	\$0.74
Subtotal - LOOP PROVISIONING CENTER (LPC)						1.18		\$0.74
-DESIGN								
Probabilities are % manual work required.								
.7 probability reflects 30% reduction to work time estimates ordered.	_							
Order handling/screening GOC (Generic Order Control) order log	5	0.100 0.100			0.700 0.700	0.35 0.42	\$44.31 \$44.31	\$0.26 \$0.31
Enter WA (Work Authorization) mask	5	0.100			0.700	0.42	\$44.31	\$0.26
Disconnect circuit	5	0.100			0.700	0.35	\$44.31	\$0.26
Distribute WORD (Work Order Record Detail) document	2	0.050			0.700	0.07	\$44.31	\$0.05
Subtotal - DESIGN						1.54		\$1.14
<u>-CO</u>								
Time estimate(s) ordered by commission staff.								
ANALYZE ORDER	2	1.000				2.00	\$43.81	\$1.46
DISC JUMPER	3	1.000				3.00	\$43.81	\$2.19
Subtotal - CO						5.00		\$3.65
-SERVICE DELIVERY IMPLEMENTOR								
.7 probability reflects 30% reduction to work time estimates ordered.							4	
Screen WFA (Work Force Administration) for circuit	5	1.000			0.700	3.50	\$43.81	\$2.56

Qwest Advice No. 3376T Page 518 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B Study Year: 2001

Analyst: Deffley/Eoriatti
Product Group: Interconnection

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	В	С	D	Е	F	G B * (C Thru F)	Н	I H * (G/60)
UNE-COMBINATION LMC-LOOP DS0 FIRST DISCONNECT manual (con't)								
Contact customer Complete circuit in WFA/C (Work Force Administration - Control Module)	5 5	1.000 1.000			0.700 0.700	3.50 3.50	\$43.81 \$43.81	\$2.56 \$2.56
Subtotal - SERVICE DELIVERY IMPLEMENTOR						10.50		\$7.67
Total For Service:						34.32		\$23.94

Qwest Advice No. 3376T Page 519 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	
						B * (C Thru F)		H * (G/60)

UNE-COMBINATION LMC-LOOP DS0 FIRST DISCONNECT manual (con't)

6842 Direct Cost			\$23.9
6843	<u> </u>		
6844	Cost	Cost	
6845	Calculation	Factor	Cost
6846	ВС	D	Е
6847 Directly Assigned			
6848 Product Management Expense	D6848*E6842	0.040393	\$0.
6849 Sales Expense	D6849*E6842	0.014960	\$0.
6850 Product Advertising Expense	D6850*E6842	0.000000	\$0.
6851 Business Fees (Other Operating Taxes)	D6851*Sum(E6842:E6850)	0.042595	<u>\$1.</u>
6852 Directly Assigned Costs	Sum(E6842:E6851)		\$2.
6853			
6854 Total Direct Costs	E6842+E6852		\$26.
6855			
6856 Directly Attributed			
6857 Network Operations	D6857*E6854	0.056129	\$1.
6858 Network Support Assets	D6858*E6854	0.014074	\$0.
6859 General Support Assets	D6859*E6854	0.057904	\$1.
6860 General Purpose Computers	D6860*E6854	0.040926	\$1.
6861 Uncollectible	D6861*E6854	0.001136	\$0.
6862 Accounting & Finance Expense	D6862*E6854	0.010471	\$0.
6863 Human Resources Expense	D6863*E6854	0.009808	\$0.
6864 Information Management Expense	D6864*E6854	0.068149	\$1.
6865 Intangibles	D6865*E6854	0.002634	\$0.
6866 Directly Attributed Costs	Sum(E6857:E6865)		\$6.
6867	,		
6868 TELRIC	E6857+E6866		\$33.
6869			
6870 Common			
6871 Executive Expense	D6871*E6868	0.008052	\$0.
6872 Planning Expense	D6872*E6868	0.000682	\$0.
6873 External Relations Expense	D6873*E6868	0.009631	\$0.
6874 Legal Expense	D6874*E6868	0.007338	\$0.
6875 Other Procurement Expense	D6875*E6868	0.002772	\$0.
6876 Research & Development Expense	D6876*E6868	0.000042	\$0.
6877 Other General and Admin Expense	D6877*E6868	0.019104	\$0.
6878 Common Costs	Sum(E6871:E6877)		\$1.
6879	(/)		
6880 TELRIC + Common Costs	E6868+E6878		\$34.

Qwest Advice No. 3376T Page 520 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B Study Year: 2001

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G B * (C Thru F)	Н	I H * (G/60)
UNE-COMBINATION LMC-LOOP DS0 EACH ADDITIONAL INSTALL mechanized								
<u>*ADD*</u>								
-INTERCONNECT SERVICE CENTER								
Time estimate(s) ordered by commission staff.								
Process order	6	1.000				6.00	\$40.03	\$4.00
Subtotal - INTERCONNECT SERVICE CENTER						6.00		\$4.00
LOOP PROVICIONING CENTER (LDC)								
-LOOP PROVISIONING CENTER (LPC) .7 probability reflects 30% reduction to work time estimates ordered.								
Probability is % manual work required. Commision staff ordered.								
Clear RMA (Request for manual assistance)	11.25	0.150			0.700	1.18	\$37.78	\$0.74
Subtotal - LOOP PROVISIONING CENTER (LPC)						1.18		\$0.74
Subtotal - LOOP PROVISIONING CENTER (LPC)						1.10		\$0.74
-DESIGN								
Probabilities are % manual work required. Reciprocal is mechanization rate.								
.7 probability reflects 30% reduction to work time estimates ordered.	_	0.000			0.700	0.70	04404	80.50
Order handling/screening GOC (Generic Order Control) order log	5 6	0.200 0.200			0.700 0.700	0.70 0.84	\$44.31 \$44.31	\$0.52 \$0.62
Enter WA (Work Authorization) mask	5	0.200			0.700	0.35	\$44.31	\$0.82 \$0.26
Prepare loop input/DRI (Design Related Information)	10	0.200			0.700	1.40	\$44.31	\$1.03
Circuit design	20	0.100			0.700	1.40	\$44.31	\$1.03
Distribute WORD (Work Order Record Detail) document	2	0.050			0.700	0.07	\$44.31	\$0.05
Subtotal - DESIGN						4.76		\$3.52
-CO								
.7 probability reflects 30% reduction to work time estimates ordered.								
ANALYZE ORDER	5	1.000			0.700	3.50	\$43.81	\$2.56
1 JUMPER	4	1.000			0.700	2.80	\$43.81	\$2.04
TEST CIRCUIT	15	1.000			0.700	10.50	\$43.81	\$7.67
COMPLETE IN WFA-DI	2	1.000			0.700	1.40	\$43.81	\$1.02
COMPLETE ORDER WITH CCT-I	3	1.000			0.700	2.10	\$43.81	\$1.53
Subtotal - CO						20.30		\$14.82
-LOAD RESOURCE ADMINISTRATION CENTER (LRAC)								
.7 probability reflects 30% reduction to work time estimates ordered.								
Screen order	2	1.000			0.700	1.40	\$37.78	\$0.88
Load work request to technician	5	1.000			0.700	3.50	\$37.78	\$2.20
Close out work request with technician	3	1.000			0.700	2.10	\$37.78	\$1.32

Qwest Advice No. 3376T Page 521 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B Study Year: 2001

Analyst: Deffley/Eoriatti
Product Group: Interconnection

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	В	C	D	E	F	G	H	I
						B * (C Thru F)		H * (G/60)
UNE-COMBINATION LMC-LOOP DS0 EACH ADDITIONAL INSTALL mechanized (con't)								
Subtotal - LOAD RESOURCE ADMINISTRATION CENTER (LRAC)						7.00		\$4.4
-INSTALLATION/FIELD TECHNICIAN								
0.2 probability is percent of time access/sac point work required.								
.7 probability reflects 30% reduction to work time estimates ordered.								
Complete AP/SAC (Access Point/Serving Area Connection) Point wiring	13	0.200			0.700	1.82	\$42.68	\$1.2
Complete performance/conformance testing	15	1.000			0.700	10.50	\$42.68	\$7.4
Report test results to CCT-I (Customer Communication Technician-Implementor)	2	1.000			0.700	1.40	\$42.68	\$1.0
Contact LRAC (Load Resource Administration Center) to close order	1	1.000			0.700	0.70	\$42.68	\$0.5
Subtotal - INSTALLATION/FIELD TECHNICIAN						14.42		\$10.2
-SERVICE DELIVERY IMPLEMENTOR								
.7 probability reflects 30% reduction to work time estimates ordered.								
Screen WFA (Work Force Administration) for circuit	15	1.000			0.700	10.50	\$43.81	\$7.6
Verify LNO (Local Network Operation) completion	10	1.000			0.700	7.00	\$43.81	\$5.1
Complete performance testing	15	1.000			0.700	10.50	\$43.81	\$7.6
Complete circuit in WFA/C (Work Force Administration - Control Module)	10	1.000			0.700	7.00	\$43.81	\$5.1
Subtotal - SERVICE DELIVERY IMPLEMENTOR						35.00		\$25.5
Total For Service:						88.66		\$63.31

Qwest Advice No. 3376T Page 522 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	
						B * (C Thru F)		H * (G/60)

UNE-COMBINATION LMC-LOOP DS0 EACH ADDITIONAL INSTALL mechanized (con't)

6977 Direct Cost			\$63.31
6978			
6979	Cost	Cost	
6980	Calculation	Factor	Cost
6981	ВС	D	E
6982 Directly Assigned			
6983 Product Management Expense	D6983*E6977	0.040393	\$2.56
6984 Sales Expense	D6984*E6977	0.014960	\$0.95
6985 Product Advertising Expense	D6985*E6977	0.000000	\$0.00
6986 Business Fees (Other Operating Taxes)	D6986*Sum(E6977:E6985)	0.042595	\$2.85
6987 Directly Assigned Costs	Sum(E6977:E6986)		\$6.35
6988	F0077 F0007		# 00.00
6989 Total Direct Costs	E6977+E6987		\$69.66
6990 6991 Directly Attributed			
6992 Network Operations	D6992*E6989	0.056129	\$3.91
6993 Network Support Assets	D6993*E6989	0.014074	\$0.98
6994 General Support Assets	D6994*E6989	0.057904	\$4.03
6995 General Purpose Computers	D6995*E6989	0.040926	\$2.85
6996 Uncollectible	D6996*E6989	0.001136	\$0.08
6997 Accounting & Finance Expense	D6997*E6989	0.010471	\$0.73
6998 Human Resources Expense	D6998*E6989	0.009808	\$0.68
6999 Information Management Expense	D6999*E6989	0.068149	\$4.75
7000 Intangibles	D7000*E6989	0.002634	\$0.18
7001 Directly Attributed Costs	Sum(E6992:E7000)		\$18.20
7002	(111		• • • •
7003 TELRIC	E6992+E7001		\$87.85
7004			
7005 Common			
7006 Executive Expense	D7006*E7003	0.008052	\$0.71
7007 Planning Expense	D7007*E7003	0.000682	\$0.06
7008 External Relations Expense	D7008*E7003	0.009631	\$0.85
7009 Legal Expense	D7009*E7003	0.007338	\$0.64
7010 Other Procurement Expense	D7010*E7003	0.002772	\$0.24
7011 Research & Development Expense	D7011*E7003	0.000042	\$0.00
7012 Other General and Admin Expense	D7012*E7003	0.019104	\$1.68
7013 Common Costs	Sum(E7006:E7012)		\$4.18
7014	F7000 F7040		000.00
7015 TELRIC + Common Costs	E7003+E7013		\$92.03

Qwest Advice No. 3376T Page 523 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B Study Year: 2001

Analyst: Deffley/Eoriatti
Product Group: Interconnection

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	В	С	D	Е	F	G B * (C Thru F)	Н	H * (G/60)
UNE-COMBINATION LMC-LOOP DS0 EACH ADDITIONAL INSTALL manual								
ADD								
-INTERCONNECT SERVICE CENTER								
.6 probability is percent of time this activity will occur7 probability reflects 30% reduction to work time estimates ordered.								
No manual times previously filed in this docket, therefore, current Qwest ISC times applied.								
Verify Connecting Facility Assignment (CFA) for facility/circuit availability Populate required fields	1 3	1.000 1.000			0.700 0.700	0.70 2.10	\$40.03 \$40.03	\$0.47 \$1.40
Input order into service order processor. Type and format order for billing and provisioning	5	1.000			0.700	3.50	\$40.03	\$2.34
Ensure order is successfully distributed to the systems and is ready for provisioning Handle calls from other departments working the order	3	1.000 0.600			0.700 0.700	2.10 0.42	\$40.03 \$40.03	\$1.40 \$0.28
Handle issues including conditioning, facility, cable&pair	1	0.600			0.700	0.42	\$40.03	\$0.28
Subtotal - INTERCONNECT SERVICE CENTER						9.24		\$6.16
-LOOP PROVISIONING CENTER (LPC)								
Probability is % manual work required. Commision staff ordered. 7 probability reflects 30% reduction to work time estimates ordered.								
Clear RMA (Request for manual assistance)	11.25	0.150			0.700	1.18	\$37.78	\$0.74
Subtotal - LOOP PROVISIONING CENTER (LPC)						1.18		\$0.74
-DESIGN								
Probabilities are % manual work required. Reciprocal is mechanization rate. 7. probability reflects 30% reduction to work time estimates ordered.								
Order handling/screening	5	0.200			0.700	0.70	\$44.31	\$0.52
GOC (Generic Order Control) order log Enter WA (Work Authorization) mask	6 5	0.200 0.100			0.700 0.700	0.84 0.35	\$44.31 \$44.31	\$0.62 \$0.26
Prepare loop input/DRI (Design Related Information)	10	0.200			0.700	1.40	\$44.31	\$1.03
Circuit design Distribute WORD (Work Order Record Detail) document	20 2	0.100 0.050			0.700 0.700	1.40 0.07	\$44.31 \$44.31	\$1.03 \$0.05
Subtotal - DESIGN						4.76		\$3.52
-co								
.7 probability reflects 30% reduction to work time estimates ordered.								
ANALYZE ORDER 1 JUMPER	5 4	1.000 1.000			0.700 0.700	3.50 2.80	\$43.81 \$43.81	\$2.56 \$2.04
TEST CIRCUIT	15	1.000			0.700	10.50	\$43.81	\$7.67
COMPLETE IN WFA-DI COMPLETE ORDER WITH CCT-I	2	1.000 1.000			0.700 0.700	1.40 2.10	\$43.81 \$43.81	\$1.02 \$1.53
	J	1.000			3.7 30	2.10	ψ 10.01	ψ1.00

Qwest Advice No. 3376T Page 524 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B Study Year: 2001

Analyst: Deffley/Eoriatti
Product Group: Interconnection

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	В	C	D	Ē	F	G	Н	I
						B * (C Thru F)		H * (G/60)
UNE-COMBINATION LMC-LOOP DS0 EACH ADDITIONAL INSTALL manual (con't)								
Subtotal - CO						20.30		\$14.82
LOAD RESOURCE ADMINISTRATION CENTER (LRAC)								
.7 probability reflects 30% reduction to work time estimates ordered.								
Screen order	2	1.000			0.700	1.40	\$37.78	\$0.8
Load work request to technician	5	1.000			0.700	3.50	\$37.78	\$2.2
Close out work request with technician	3	1.000			0.700	2.10	\$37.78	\$1.32
Subtotal - LOAD RESOURCE ADMINISTRATION CENTER (LRAC)						7.00		\$4.4
INSTALLATION/FIELD TECHNICIAN								
0.2 probability is percent of time access/sac point work required.								
.7 probability reflects 30% reduction to work time estimates ordered.								
Complete AP/SAC (Access Point/Serving Area Connection) Point wiring	13	0.200			0.700	1.82	\$42.68	\$1.2
Complete performance/conformance testing	15	1.000			0.700	10.50	\$42.68	\$7.4
Report test results to CCT-I (Customer Communication Technician-Implementor)	2	1.000			0.700	1.40	\$42.68	\$1.0
Contact LRAC (Load Resource Administration Center) to close order	1	1.000			0.700	0.70	\$42.68	\$0.5
Subtotal - INSTALLATION/FIELD TECHNICIAN						14.42		\$10.26
SERVICE DELIVERY IMPLEMENTOR								
.7 probability reflects 30% reduction to work time estimates ordered.								
Screen WFA (Work Force Administration) for circuit	15	1.000			0.700	10.50	\$43.81	\$7.6
Verify LNO (Local Network Operation) completion	10	1.000			0.700	7.00	\$43.81	\$5.1
Complete performance testing	15	1.000			0.700	10.50	\$43.81	\$7.6
Complete circuit in WFA/C (Work Force Administration - Control Module)	10	1.000			0.700	7.00	\$43.81	\$5.1
Subtotal - SERVICE DELIVERY IMPLEMENTOR						35.00		\$25.50
Total For Service:						91.90		\$65.47

Qwest Advice No. 3376T Page 525 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	
						B * (C Thru F)		H * (G/60)

UNE-COMBINATION LMC-LOOP DS0 EACH ADDITIONAL INSTALL manual (con't)

7112 Direct Cost			\$65.47
7113			
7114	Cost	Cost	
7115	Calculation	Factor	Cost
7116	ВС	D	E
7117 Directly Assigned			
7118 Product Management Expense	D7118*E7112	0.040393	\$2.64
7119 Sales Expense	D7119*E7112	0.014960	\$0.98
7120 Product Advertising Expense	D7120*E7112	0.000000	\$0.00
7121 Business Fees (Other Operating Taxes)	D7121*Sum(E7112:E7120)	0.042595	<u>\$2.94</u>
7122 Directly Assigned Costs	Sum(E7112:E7121)		\$6.57
7123			
7124 Total Direct Costs	E7112+E7122		\$72.03
7125			
7126 Directly Attributed			
7127 Network Operations	D7127*E7124	0.056129	\$4.04
7128 Network Support Assets	D7128*E7124	0.014074	\$1.01
7129 General Support Assets	D7129*E7124	0.057904	\$4.17
7130 General Purpose Computers	D7130*E7124	0.040926	\$2.95
7131 Uncollectible	D7131*E7124	0.001136	\$0.08
7132 Accounting & Finance Expense	D7132*E7124	0.010471	\$0.75
7133 Human Resources Expense	D7133*E7124	0.009808	\$0.71
7134 Information Management Expense	D7134*E7124	0.068149	\$4.91
7135 Intangibles	D7135*E7124	0.002634	\$0.19
7136 Directly Attributed Costs	Sum(E7127:E7135)		\$18.82
7137 7138 TELRIC	E7127+E7136		\$90.85
7139	LI IZITLI ISO		ψ30.03
7140 Common			
7141 Executive Expense	D7141*E7138	0.008052	\$0.73
7142 Planning Expense	D7142*E7138	0.000682	\$0.06
7143 External Relations Expense	D7143*E7138	0.009631	\$0.87
7144 Legal Expense	D7144*E7138	0.007338	\$0.67
7145 Other Procurement Expense	D7145*E7138	0.002772	\$0.25
7146 Research & Development Expense	D7146*E7138	0.000042	\$0.00
7147 Other General and Admin Expense	D7147*E7138	0.019104	\$1.74
7148 Common Costs	Sum(E7141:E7147)		\$4.33
7149			*
7150 TELRIC + Common Costs	E7138+E7148		\$95.18

Qwest Advice No. 3376T Page 526 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B Study Year: 2001

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	В	С	D	E	F	G B * (C Thru F)	Н	I H * (G/60)
UNE-COMBINATION LMC-LOOP DS0 EACH ADDITIONAL DISCONNECT mechanized								
DISCONNECT								
INTERCONNECT SERVICE CENTER								
Time estimate(s) ordered by commission staff. Process order	6	1.000				6.00	\$40.03	\$4.00
ubtotal - INTERCONNECT SERVICE CENTER						6.00		\$4.00
LOOP PROVISIONING CENTER (LPC) Probability is % manual work required. Commision staff ordered7 probability reflects 30% reduction to work time estimates ordered.								
Clear RMA (Request for manual assistance)	11.25	0.150			0.700	1.18	\$37.78	\$0.7
Subtotal - LOOP PROVISIONING CENTER (LPC)						1.18		\$0.7
DESIGN Probabilities are % manual work required7 probability reflects 30% reduction to work time estimates ordered.								
Order handling/screening	5	0.100 0.100			0.700 0.700	0.35 0.42	\$44.31 \$44.31	\$0.2
GOC (Generic Order Control) order log Enter WA (Work Authorization) mask	5	0.100			0.700	0.42	\$44.31	\$0.3 \$0.2
Disconnect circuit Distribute WORD (Work Order Record Detail) document	5 2	0.100 0.050			0.700 0.700	0.35 0.07	\$44.31 \$44.31	\$0.20 \$0.0
ubtotal - DESIGN						1.54		\$1.1
CENTRAL OFFICE FRAMES								
Time estimate(s) ordered by commission staff.	_							.
Analyze order Remove cross-connect	2 3	1.000 1.000				2.00 3.00	\$43.81 \$43.81	\$1.46 \$2.19
ubtotal - CENTRAL OFFICE FRAMES						5.00		\$3.69
						13.72		
Total For Service:						13.72		\$9.53

Qwest Advice No. 3376T Page 527 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	[
						B * (C Thru F)		H * (G/60)

UNE-COMBINATION LMC-LOOP DS0 EACH ADDITIONAL DISCONNECT mechanized (con't)

7202 Direct Cost			\$9.53
7203			
7204	Cost	Cost	
7205	Calculation	Factor	Cost
7206	ВС	D	E
7207 Directly Assigned			
7208 Product Management Expense	D7208*E7202	0.040393	\$0.39
7209 Sales Expense	D7209*E7202	0.014960	\$0.14
7210 Product Advertising Expense	D7210*E7202	0.000000	\$0.00
7211 Business Fees (Other Operating Taxes)	D7211*Sum(E7202:E7210)	0.042595	<u>\$0.43</u>
7212 Directly Assigned Costs	Sum(E7202:E7211)		\$0.96
7213			
7214 Total Direct Costs	E7202+E7212		\$10.49
7215			
7216 Directly Attributed	D7047+F7044	0.050400	#0.50
7217 Network Operations	D7217*E7214	0.056129	\$0.59
7218 Network Support Assets	D7218*E7214	0.014074	\$0.15
7219 General Support Assets	D7219*E7214	0.057904	\$0.61
7220 General Purpose Computers	D7220*E7214	0.040926	\$0.43
7221 Uncollectible	D7221*E7214	0.001136	\$0.01
7222 Accounting & Finance Expense	D7222*E7214	0.010471	\$0.11
7223 Human Resources Expense	D7223*E7214	0.009808	\$0.10
7224 Information Management Expense	D7224*E7214	0.068149	\$0.71
7225 Intangibles	D7225*E7214	0.002634	\$0.03
7226 Directly Attributed Costs 7227	Sum(E7217:E7225)		\$2.74
7228 TELRIC	E7217+E7226		\$13.23
7229			*
7230 Common			
7231 Executive Expense	D7231*E7228	0.008052	\$0.11
7232 Planning Expense	D7232*E7228	0.000682	\$0.01
7233 External Relations Expense	D7233*E7228	0.009631	\$0.13
7234 Legal Expense	D7234*E7228	0.007338	\$0.10
7235 Other Procurement Expense	D7235*E7228	0.002772	\$0.04
7236 Research & Development Expense	D7236*E7228	0.000042	\$0.00
7237 Other General and Admin Expense	D7237*E7228	0.019104	\$0.25
7238 Common Costs	Sum(E7231:E7237)		\$0.63
7239	. ,		
7240 TELRIC + Common Costs	E7228+E7238		\$13.86

Qwest Advice No. 3376T Page 528 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B Study Year: 2001

Analyst: Deffley/Eoriatti

Product Group: Interconnection

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G B * (C Thru F)	Н	I H * (G/60)
NE-COMBINATION LMC-LOOP DS0 EACH ADDITIONAL DISCONNECT manual								
NE-COMBINATION LING-LOOP DSU EACH ADDITIONAL DISCONNECT Manual								
DISCONNECT*								
NTERCONNECT SERVICE CENTER								
.7 probability reflects 30% reduction to work time estimates ordered.								
No manual times previously filed in this docket, therefore, current Qwest ISC times applied.								.
Populate required fields	3	1.000			0.700	2.10	\$40.03	\$1.4
Input order into service order processor. Type and format order for billing and provisioning	5	1.000			0.700	3.50	\$40.03	\$2.3
Ensure order is successfully distributed to the systems and is ready for provisioning	3	1.000			0.700	2.10	\$40.03	\$1.4
ubtotal - INTERCONNECT SERVICE CENTER						7.70		\$5.1
OOP PROVISIONING CENTER (LPC)								
Probability is % manual work required. Commision staff ordered.								
.7 probability reflects 30% reduction to work time estimates ordered.								
Clear RMA (Request for manual assistance)	11.25	0.150			0.700	1.18	\$37.78	\$0.7
ubtotal - LOOP PROVISIONING CENTER (LPC)						1.18		\$0.7
, ,						1.10		ψ0.1
<u>DESIGN</u>								
Probabilities are % manual work required.								
.7 probability reflects 30% reduction to work time estimates ordered.	_	0.400			0.700	0.05		000
Order handling/screening	5	0.100			0.700	0.35	\$44.31	\$0.2
GOC (Generic Order Control) order log	6	0.100			0.700	0.42	\$44.31	\$0.3
Enter WA (Work Authorization) mask	5	0.100			0.700	0.35	\$44.31	\$0.2
Disconnect circuit	5	0.100			0.700	0.35	\$44.31	\$0.2
Distribute WORD (Work Order Record Detail) document	2	0.050			0.700	0.07	\$44.31	\$0.0
ubtotal - DESIGN						1.54		\$1.1
CENTRAL OFFICE FRAMES								
Time estimate(s) ordered by commission staff.								
Analyze order	2	1.000				2.00	\$43.81	\$1.4
Remove cross-connect	3	1.000				3.00	\$43.81	\$2.1
ubtotal - CENTRAL OFFICE FRAMES						5.00		\$3.6
						45.40		042.5
otal For Service:						15.42		\$10.67

Qwest Advice No. 3376T Page 529 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	
						B * (C Thru F)		H * (G/60)

UNE-COMBINATION LMC-LOOP DS0 EACH ADDITIONAL DISCONNECT manual (con't)

7293			
7294	Cost	Cost	
7295	Calculation	Factor	
7296	ВС	D	Cost
7297 Directly Assigned			
7298 Product Management Expense	D7298*E7292	0.040393	\$0.
7299 Sales Expense	D7299*E7292	0.014960	\$0
7300 Product Advertising Expense	D7300*E7292	0.000000	\$0
7301 Business Fees (Other Operating Taxes)	D7301*Sum(E7292:E7300)	0.042595	\$0
7302 Directly Assigned Costs	Sum(E7292:E7301)		\$1
7303			· ·
7304 Total Direct Costs	E7292+E7302		\$11
7305			
7306 Directly Attributed			
7307 Network Operations	D7307*E7304	0.056129	\$0
7308 Network Support Assets	D7308*E7304	0.014074	\$0
7309 General Support Assets	D7309*E7304	0.057904	\$0
7310 General Purpose Computers	D7310*E7304	0.040926	\$0
7311 Uncollectible	D7311*E7304	0.001136	\$0
7312 Accounting & Finance Expense	D7312*E7304	0.010471	\$0
7313 Human Resources Expense	D7313*E7304	0.009808	\$0
7314 Information Management Expense	D7314*E7304	0.068149	\$0
7315 Intangibles	D7315*E7304	0.002634	\$0
7316 Directly Attributed Costs	Sum(E7307:E7315)		\$3
7317	,		
7318 TELRIC	E7307+E7316		\$14
7319			
7320 Common			
7321 Executive Expense	D7321*E7318	0.008052	\$0
7322 Planning Expense	D7322*E7318	0.000682	\$0
7323 External Relations Expense	D7323*E7318	0.009631	\$0
7324 Legal Expense	D7324*E7318	0.007338	\$0
7325 Other Procurement Expense	D7325*E7318	0.002772	\$0
7326 Research & Development Expense	D7326*E7318	0.000042	\$0
7327 Other General and Admin Expense	D7327*E7318	0.019104	\$0
7328 Common Costs	Sum(E7321:E7327)		\$0
7329	· · · · · · · · · · · · · · · · · · ·		
7330 TELRIC + Common Costs	E7318+E7328		\$15

Qwest Advice No. 3376T Page 530 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B Study Year: 2001

Analyst: Deffley/Eoriatti
Product Group: Interconnection

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	В	С	D	Е	F	G B * (C Thru F)	Н	I H * (G/60)
UNE-COMBINATION LMC-LOOP DS1 FIRST INSTALL mechanized								
ADD								
-INTERCONNECT SERVICE CENTER Time estimate(s) ordered by commission staff. Process order	6	1.000				6.00	\$40.03	\$4.00
Subtotal - INTERCONNECT SERVICE CENTER						6.00		\$4.00
-DESIGN								
Probabilities are % manual work required7 probability reflects 30% reduction to work time estimates ordered. ORDER HANDLING/SCREENING GOC ORDER LOG ENTER WA MASK PREP LOOP INPUT/DRI CIRCUIT DESIGN DISTRIBUTE WORD DOC	5 6 5 15 30 2	0.200 0.200 0.800 0.750 1.000			0.700 0.700 0.700 0.700 0.700 0.700	0.70 0.84 2.80 7.88 21.00 1.26	\$44.31 \$44.31 \$44.31 \$44.31 \$44.31	\$0.52 \$0.62 \$2.07 \$5.82 \$15.51 \$0.93
Subtotal - DESIGN						34.48		\$25.46
-CENTRAL OFFICE FRAMES .7 probability reflects 30% reduction to work time estimates ordered. ANALYZE ORDER COMPLETE LOOP QUALIFICATION COMPLETE CROSS-CONNECT CONTINUITY/STRESS TESTS POST COMPLETE IN WFADI	5 5 4 15 2	1.000 1.000 1.000 1.000 1.000			0.700 0.700 0.700 0.700 0.700	3.50 3.50 2.80 10.50 1.40	\$43.81 \$43.81 \$43.81 \$43.81 \$43.81	\$2.56 \$2.56 \$2.04 \$7.67 \$1.02
Subtotal - CENTRAL OFFICE FRAMES						21.70		\$15.84
-LRAC .7 probability reflects 30% reduction to work time estimates ordered. SCREEN ORDER LOAD WORK REQUEST TO TECH CLOSE OUT WORK REQUEST COMPLETE WORK IN WFADO	2 5 3 3	1.000 1.000 1.000 1.000			0.700 0.700 0.700 0.700	1.40 3.50 2.10 2.10	\$37.78 \$37.78 \$37.78 \$37.78	\$0.88 \$2.20 \$1.32 \$1.32
Subtotal - LRAC						9.10		\$5.73
-INSTALLATION/FIELD TECHNICIAN TRAVEL TIME 0.2 probability is percent of time access/sac point work required.	21	1.000			0.700	14.70	\$42.68	\$10.46

Qwest Advice No. 3376T Page 531 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B Study Year: 2001

Analyst: Deffley/Eoriatti
Product Group: Interconnection

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G	Н	
						B * (C Thru F)		H * (G/60)
UNE-COMBINATION LMC-LOOP DS1 FIRST INSTALL mechanized (con't)								
.7 probability reflects 30% reduction to work time estimates ordered.								
AP/SAC POINT WORK	13	0.200			0.700	1.82	\$42.68	\$1.29
CONTACT CCTI TO WORK ORDER	3	1.000			0.700	2.10	\$42.68	\$1.49
COMPLETE CONTINUITY TESTING	15	1.000			0.700	10.50	\$42.68	\$7.47
REPORT TEST RESULTS TO CCTI	2	1.000			0.700	1.40	\$42.68	\$1.00
COMPLETE WITH LRAC	3	1.000			0.700	2.10	\$42.68	\$1.49
Subtotal - INSTALLATION/FIELD TECHNICIAN						32.62		\$23.20
-SERVICE DELIVERY IMPLEMENTOR								
.7 probability reflects 30% reduction to work time estimates ordered.								
SCREEN WFA FOR CIRCUIT	15	1.000			0.700	10.50	\$43.81	\$7.67
VERIFY LNO FOR CIRCUIT	10	1.000			0.700	7.00	\$43.81	\$5.11
TEST CIRCUIT	35	1.000			0.700	24.50	\$43.81	\$17.89
NOTIFY CUSTOMER	5	1.000			0.700	3.50	\$43.81	\$2.56
COMPLETE CIRCUIT IN WFA/C	10	1.000			0.700	7.00	\$43.81	\$5.11
Subtotal - SERVICE DELIVERY IMPLEMENTOR						52.50		\$38.33
Total For Service:						156.40		\$112.57

Qwest Advice No. 3376T Page 532 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G	Н	
						B * (C Thru F)		H * (G/60)

UNE-COMBINATION LMC-LOOP DS1 FIRST INSTALL mechanized (con't)

7429	Cost	Cost	
7430	Calculation	Factor	Cost
7431	ВС	D	E
7432 Directly Assigned			
7433 Product Management Expense	D7433*E7427	0.040393	\$4.5
7434 Sales Expense	D7434*E7427	0.014960	\$1.68
7435 Product Advertising Expense	D7435*E7427	0.000000	\$0.00
7436 Business Fees (Other Operating Taxes)	D7436*Sum(E7427:E7435)	0.042595	\$5.00
7437 Directly Assigned Costs	Sum(E7427:E7436)		\$11.29
7438			
7439 Total Direct Costs	E7427+E7437		\$123.8
7440			
7441 Directly Attributed			
7442 Network Operations	D7442*E7439	0.056129	\$6.9
7443 Network Support Assets	D7443*E7439	0.014074	\$1.7
7444 General Support Assets	D7444*E7439	0.057904	\$7.1
7445 General Purpose Computers	D7445*E7439	0.040926	\$5.0
7446 Uncollectible	D7446*E7439	0.001136	\$0.1
7447 Accounting & Finance Expense	D7447*E7439	0.010471	\$1.3
7448 Human Resources Expense	D7448*E7439	0.009808	\$1.2
7449 Information Management Expense	D7449*E7439	0.068149	\$8.4
7450 Intangibles	D7450*E7439	0.002634	\$0.3
7451 Directly Attributed Costs 7452	Sum(E7442:E7450)		\$32.3
7452 TELRIC	E7442+E7451		\$156.2
7454			
7455 Common			
7456 Executive Expense	D7456*E7453	0.008052	\$1.2
7457 Planning Expense	D7457*E7453	0.000682	\$0.1
7458 External Relations Expense	D7458*E7453	0.009631	\$1.5
7459 Legal Expense	D7459*E7453	0.007338	\$1.1
7460 Other Procurement Expense	D7460*E7453	0.002772	\$0.4
7461 Research & Development Expense	D7461*E7453	0.000042	\$0.0
7462 Other General and Admin Expense	D7462*E7453	0.019104	\$2.9
7463 Common Costs	Sum(E7456:E7462)		\$7.4
7464			
7465 TELRIC + Common Costs	E7453+E7463		\$163.6

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Study Name: PART D FINAL ORDER NRC STUDY 7246 B Study Year: 2001

Analyst: Deffley/Eoriatti
Product Group: Interconnection

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	_
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G B * (C Thru F)	Н	I H * (G/60)
INF COMPINATION AND LOOP DOG FIRST WORKS								
NE-COMBINATION LMC-LOOP DS1 FIRST INSTALL manual								
ADD*								
NTERCONNECT SERVICE CENTER								
.6 probability is percent of time this activity will occur7 probability reflects 30% reduction to work time estimates ordered.								
No manual times previously filed in this docket, therefore, current Qwest ISC times applied.								
Review LSR for completeness and accuracy, contractual entries	3	1.000			0.700	2.10	\$40.03	\$1.4
Verify Connecting Facility Assignment (CFA) for facility/circuit availability	1	1.000			0.700	0.70	\$40.03	\$0.4
Exchange info, obtain CO, name, address, office type. Access Telephone Address Guide to obtain	4	1.000			0.700	2.80	\$40.03	\$1.8
CPPD look-up billing USOC's for co-provider	2	1.000			0.700	1.40	\$40.03	\$0.9
Summary Bill List-Look up Billing Telephone Number, tax code, and bill date	2	1.000			0.700	1.40	\$40.03	\$0.9
Determine critical dates	1	1.000			0.700	0.70	\$40.03	\$0.4
Populate required fields	3	1.000			0.700	2.10	\$40.03 \$40.03	\$1.4
Type, review and submit to customer the Firm Order Confirmation (FOC) Input order into service order processor. Type and format order for billing and provisioning	3 10	1.000 1.000			0.700 0.700	2.10 7.00	\$40.03 \$40.03	\$1.4 \$4.6
Ensure order into service order processor. Type and format order for billing and provisioning	3	1.000			0.700	2.10	\$40.03 \$40.03	\$4.0 \$1.4
Handle calls from other departments working the order	5	0.600			0.700	2.10	\$40.03	\$1.4 \$1.4
Handle issues including conditioning, facility, cable&pair	5	0.600			0.700	2.10	\$40.03	\$1.4
								· ·
ibtotal - INTERCONNECT SERVICE CENTER						26.60		\$17.7
DESIGN CONTRACTOR OF THE PROPERTY OF THE PROPE								
Probabilities are % manual work required.								
.7 probability reflects 30% reduction to work time estimates ordered. ORDER HANDLING/SCREENING	5	0.200			0.700	0.70	\$44.31	\$0.5
GOC ORDER LOG	6	0.200			0.700	0.70	\$44.31	\$0.6
ENTER WA MASK	5	0.800			0.700	2.80	\$44.31	\$2.0
PREP LOOP INPUT/DRI	15	0.750			0.700	7.88	\$44.31	\$5.8
CIRCUIT DESIGN	30	1.000			0.700	21.00	\$44.31	\$15.5
DISTRIBUTE WORD DOC	2	0.900			0.700	1.26	\$44.31	\$0.9
ubtotal - DESIGN						34.48		\$25.4
CENTRAL OFFICE FRAMES								
.7 probability reflects 30% reduction to work time estimates ordered.								
ANALYZE ORDER	5	1.000			0.700	3.50	\$43.81	\$2.5
COMPLETE LOOP QUALIFICATION	5	1.000			0.700	3.50	\$43.81	\$2.5
COMPLETE CROSS-CONNECT	4	1.000			0.700	2.80	\$43.81	\$2.0
CONTINUITY/STRESS TESTS	15	1.000			0.700	10.50	\$43.81	\$7.6
POST COMPLETE IN WFADI	2	1.000			0.700	1.40	\$43.81	\$1.02
ubtotal - CENTRAL OFFICE FRAMES						21.70		\$15.84

Qwest Advice No. 3376T Page 534 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B Study Year: 2001

Analyst: Deffley/Eoriatti
Product Group: Interconnection

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	В	C	D	E	F	G B * (C Thru F)	Н	I H * (G/60)
						B (O mar)		11 (6/00)
UNE-COMBINATION LMC-LOOP DS1 FIRST INSTALL manual (con't)								
-LRAC								
.7 probability reflects 30% reduction to work time estimates ordered.								
SCREEN ORDER	2	1.000			0.700	1.40	\$37.78	\$0.88
LOAD WORK REQUEST TO TECH CLOSE OUT WORK REQUEST	5	1.000 1.000			0.700 0.700	3.50 2.10	\$37.78 \$37.78	\$2.20 \$1.32
COMPLETE WORK IN WFADO	3	1.000			0.700	2.10	\$37.76 \$37.78	\$1.32 \$1.32
COMPLETE WORK IN WPADO	3	1.000			0.700	2.10	φ31.10	Φ1.32
Subtotal - LRAC						9.10		\$5.73
-INSTALLATION/FIELD TECHNICIAN								
TRAVEL TIME	21	1.000			0.700	14.70	\$42.68	\$10.46
0.2 probability is percent of time access/sac point work required.							·	·
.7 probability reflects 30% reduction to work time estimates ordered.								
AP/SAC POINT WORK	13	0.200			0.700	1.82	\$42.68	\$1.29
CONTACT CCTI TO WORK ORDER	3	1.000			0.700	2.10	\$42.68	\$1.49
COMPLETE CONTINUITY TESTING	15	1.000			0.700	10.50	\$42.68	\$7.47
REPORT TEST RESULTS TO CCTI	2	1.000			0.700	1.40	\$42.68	\$1.00
COMPLETE WITH LRAC	3	1.000			0.700	2.10	\$42.68	\$1.49
Subtotal - INSTALLATION/FIELD TECHNICIAN						32.62		\$23.20
-SERVICE DELIVERY IMPLEMENTOR								
.7 probability reflects 30% reduction to work time estimates ordered.								
SCREEN WFA FOR CIRCUIT	15	1.000			0.700	10.50	\$43.81	\$7.67
VERIFY LNO FOR CIRCUIT	10	1.000			0.700	7.00	\$43.81	\$5.11
TEST CIRCUIT	35	1.000			0.700	24.50	\$43.81	\$17.89
NOTIFY CUSTOMER	5	1.000			0.700	3.50	\$43.81	\$2.56
COMPLETE CIRCUIT IN WFA/C	10	1.000			0.700	7.00	\$43.81	\$5.11
Subtotal - SERVICE DELIVERY IMPLEMENTOR						52.50		\$38.33
Total For Service:		<u> </u>				177.00		\$126.32
Total I of Service.						177.00		φ120.32

Qwest Advice No. 3376T Page 535 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	
						B * (C Thru F)		H * (G/60)

UNE-COMBINATION LMC-LOOP DS1 FIRST INSTALL manual (con't)

	0 1	A 1	
7564	Cost	Cost	
7565	Calculation	Factor	Cost
7566	ВС	D	E
7567 Directly Assigned			
7568 Product Management Expense	D7568*E7562	0.040393	\$5.
7569 Sales Expense	D7569*E7562	0.014960	\$1.
7570 Product Advertising Expense	D7570*E7562	0.000000	\$0.
7571 Business Fees (Other Operating Taxes)	D7571*Sum(E7562:E7570)	0.042595	<u>\$5.</u>
7572 Directly Assigned Costs	Sum(E7562:E7571)		\$12.
7573			
7574 Total Direct Costs	E7562+E7572		\$138.
7575			
7576 Directly Attributed			
7577 Network Operations	D7577*E7574	0.056129	\$7.
7578 Network Support Assets	D7578*E7574	0.014074	\$1
7579 General Support Assets	D7579*E7574	0.057904	\$8
7580 General Purpose Computers	D7580*E7574	0.040926	\$5
7581 Uncollectible	D7581*E7574	0.001136	\$0
7582 Accounting & Finance Expense	D7582*E7574	0.010471	\$1
7583 Human Resources Expense	D7583*E7574	0.009808	\$1
7584 Information Management Expense	D7584*E7574	0.068149	\$9.
7585 Intangibles	D7585*E7574	0.002634	\$0
7586 Directly Attributed Costs	Sum(E7577:E7585)		\$36
7587			
7588 TELRIC	E7577+E7586		\$175
7589			
7590 Common			
7591 Executive Expense	D7591*E7588	0.008052	\$1
7592 Planning Expense	D7592*E7588	0.000682	\$0
7593 External Relations Expense	D7593*E7588	0.009631	\$1
7594 Legal Expense	D7594*E7588	0.007338	\$1
7595 Other Procurement Expense	D7595*E7588	0.002772	\$0
7596 Research & Development Expense	D7596*E7588	0.000042	\$0
7597 Other General and Admin Expense	D7597*E7588	0.019104	\$3
7598 Common Costs	Sum(E7591:E7597)		\$8
7599			

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Study Name: PART D FINAL ORDER NRC STUDY 7246 B Study Year: 2001

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes B	#1 C	#2 D	#3 E	#4	(Minutes)	/Hour H	Cost
A	В	C	U	_	Г	B * (C Thru F)	П	и Н * (G/60)
UNE-COMBINATION LMC-LOOP DS1 FIRST DISCONNECT mechanized								
DISCONNECT*								
INTERCONNECT SERVICE CENTER								
Time estimate(s) ordered by commission staff.		4 000				0.00	A 40.00	
Process order	6	1.000				6.00	\$40.03	\$4.0
Subtotal - INTERCONNECT SERVICE CENTER						6.00		\$4.0
DESIGN								
Probabilities are % manual work required.								
.7 probability reflects 30% reduction to work time estimates ordered.								
ORDER HANDLING/SCREEN	5	0.100			0.700	0.35	\$44.31	\$0.
GOC ORDER LOG	6	0.100			0.700	0.42	\$44.31	\$0
ENTER WA MASK	5	0.100			0.700	0.35	\$44.31	\$0.
DISCONNECT CIRCUIT DISTRIBUTE WORD DOC	5 2	0.100 0.100			0.700 0.700	0.35 0.14	\$44.31 \$44.31	\$0.2 \$0.
DISTRIBUTE WORD DOC	2	0.100			0.700	0.14	φ 44 .51	φ0.1
Subtotal - DESIGN						1.61		\$1.1
CENTRAL OFFICE FRAMES								
Time estimate(s) ordered by commission staff.								
ANALYZE ORDER	2	1.000				2.00	\$43.81	\$1.4
REMOVE JUMPER	3	1.000				3.00	\$43.81	\$2.1
ubtotal - CENTRAL OFFICE FRAMES						5.00		\$3.6
SERVICE DELIVERY IMPLEMENTOR								
.7 probability reflects 30% reduction to work time estimates ordered.								
SCREEN WFA FOR CIRCUIT	5	1.000			0.700	3.50	\$43.81	\$2.
CONTACT CUSTOMER	5	1.000			0.700	3.50	\$43.81	\$2.5
COMPLETE CIRCUIT IN WFA/C	5	1.000			0.700	3.50	\$43.81	\$2.5
Subtotal - SERVICE DELIVERY IMPLEMENTOR						10.50		\$7.6
Total For Service:						23.11		\$16.5
CAMP FOR CONTROL						20.11		Ψ10.5

Qwest Advice No. 3376T Page 537 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G	Н	
						B * (C Thru F)		H * (G/60)

UNE-COMBINATION LMC-LOOP DS1 FIRST DISCONNECT mechanized (con't)

7656 7657 Directly Assigned 7658 Product Management Expense D 7659 Sales Expense D 7660 Product Advertising Expense D 7661 Business Fees (Other Operating Taxes) D 7662 Directly Assigned Costs S 7663	Cost Calculation B C 07658*E7652 07659*E7652 07660*E7652 07661*Sum(E7652:E7660) Sum(E7652:E7661)	Cost Factor D 0.040393 0.014960 0.000000 0.042595	\$0.67 \$0.25 \$0.04
7655 C 7656 C 7657 Directly Assigned D 7658 Product Management Expense D 7659 Sales Expense D 7660 Product Advertising Expense D 7661 Business Fees (Other Operating Taxes) D 7662 Directly Assigned Costs S 7663	Calculation B C 07658*E7652 07659*E7652 07660*E7652 07661*Sum(E7652:E7660) Sum(E7652:E7661)	0.040393 0.014960 0.000000	\$0.67 \$0.25 \$0.00 \$0.74
7656 7657 Directly Assigned 7658 Product Management Expense D 7659 Sales Expense D 7660 Product Advertising Expense D 7661 Business Fees (Other Operating Taxes) D 7662 Directly Assigned Costs S 7663	B C 07658*E7652 07659*E7652 07660*E7652 07661*Sum(E7652:E7660) Sum(E7652:E7661)	0.040393 0.014960 0.000000	\$0.67 \$0.25 \$0.00 \$0.74
7657 Directly Assigned 7658 Product Management Expense D 7659 Sales Expense D 7660 Product Advertising Expense D 7661 Business Fees (Other Operating Taxes) D 7662 Directly Assigned Costs S 7663	D7658*E7652 D7659*E7652 D7660*E7652 D7660*E7652 D7661*Sum(E7652:E7660) Sum(E7652:E7661)	0.040393 0.014960 0.000000	\$0.67 \$0.25 \$0.00 <u>\$0.74</u>
7658 Product Management Expense D 7659 Sales Expense D 7660 Product Advertising Expense D 7661 Business Fees (Other Operating Taxes) D 7662 Directly Assigned Costs S 7663	07659*E7652 07660*E7652 07661*Sum(E7652:E7660) Sum(E7652:E7661)	0.014960 0.000000	\$0.25 \$0.00 <u>\$0.74</u>
7659 Sales Expense D 7660 Product Advertising Expense D 7661 Business Fees (Other Operating Taxes) D 7662 Directly Assigned Costs S 7663 S	07659*E7652 07660*E7652 07661*Sum(E7652:E7660) Sum(E7652:E7661)	0.014960 0.000000	\$0.25 \$0.00 <u>\$0.74</u>
7660 Product Advertising Expense D 7661 Business Fees (Other Operating Taxes) D 7662 Directly Assigned Costs S 7663	07660*E7652 07661*Sum(E7652:E7660) Sum(E7652:E7661)	0.000000	\$0.00 <u>\$0.74</u>
7661 Business Fees (Other Operating Taxes) D 7662 Directly Assigned Costs S 7663	D7661*Sum(E7652:E7660) Sum(E7652:E7661)		\$0.74
7662 Directly Assigned Costs S	Sum(E7652:E7661)	0.042595	
7663	,		£4.00
***			\$1.66
7664 Total Direct Costs			
1004 Total Direct Costs	E7652+E7662		\$18.17
7665			
7666 Directly Attributed			
7667 Network Operations	D7667*E7664	0.056129	\$1.02
7668 Network Support Assets D	D7668*E7664	0.014074	\$0.26
7669 General Support Assets	D7669*E7664	0.057904	\$1.05
7670 General Purpose Computers D	D7670*E7664	0.040926	\$0.74
7671 Uncollectible D	D7671*E7664	0.001136	\$0.02
7672 Accounting & Finance Expense D	D7672*E7664	0.010471	\$0.19
7673 Human Resources Expense D	D7673*E7664	0.009808	\$0.18
7674 Information Management Expense D	D7674*E7664	0.068149	\$1.24
7675 Intangibles D	D7675*E7664	0.002634	\$0.05
7676 Directly Attributed Costs S	Sum(E7667:E7675)		\$4.75
7677	,		
7678 TELRIC E	E7667+E7676		\$22.91
7679			
7680 Common			
	D7681*E7678	0.008052	\$0.18
	D7682*E7678	0.000682	\$0.02
7683 External Relations Expense D	D7683*E7678	0.009631	\$0.22
7684 Legal Expense D	D7684*E7678	0.007338	\$0.17
7685 Other Procurement Expense D	D7685*E7678	0.002772	\$0.06
7686 Research & Development Expense D	D7686*E7678	0.000042	\$0.00
7687 Other General and Admin Expense D	D7687*E7678	0.019104	\$0.44
7688 Common Costs S	Sum(E7681:E7687)		\$1.09
7689	-		
7690 TELRIC + Common Costs E	E7678+E7688		\$24.00

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Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti
Product Group: Interconnection

Minutes Minu	Cost H * (G/60)
Subtotal - INTERCONNECT SERVICE CENTER	(3,55)
Subtotal - INTERCONNECT SERVICE CENTER	
INTERCONNECT SERVICE CENTER 30% reduction to work time estimates ordered. 7 probability reflects 30% reduction to work time estimates ordered. 840.03 1.000 0.700 2.10 \$40.03 1.000 0.700 1.40 \$40.03 1.000 0.700 1.40 \$40.03 1.000 0.700 1.40 \$40.03 1.000 0.700 1.40 \$40.03 1.000 0.700 1.40 \$40.03 1.000 0.700 1.40 \$40.03 1.000 0.700 1.40 \$40.03 1.000 0.700 1.40 \$40.03 1.000 0.700 1.40 \$40.03 1.000 0.700 1.40 \$40.03 1.000 0.700 1.40 \$40.03 1.000 0.700 1.40 \$40.03 1.000 0.700 1.40 \$40.03 1.000 0.700 1.40 \$40.03 1.000 0.700 1.40 \$40.03 1.000 1.000 0.700 1.40 \$40.03 1.000	
7 probability reflects 30% reduction to work time estimates ordered. No manual times previously filed in this docket, therefore, current Qwest ISC times applied. Review LSR for completeness and accuracy, contractual entries 3 1.000 0.700 0.700 1.40 \$40.03 Verify existing account (access CSR in BOSS/CARS) and obtain closing bill address. 2 1.000 0.700 0.700 1.40 \$40.03 Type, review and submit to customer the Firm Order Confirmation (FOC) 2 1.000 0.700 0.700 1.40 \$40.03 Input order into service order processor. Type and format order for billing and provisioning 10 1.000 0.700 0.700 2.10 \$40.03 Populate required fields 1.000 0.700 2.10 \$40.03 Ensure order is successfully distributed to the systems and is ready for provisioning 3 1.000 0.700 0.700 2.10 \$40.03	
Verify existing account (access CSR in BOŠS/CARS) and obtain closing bill address.	04.40
Input order into service order processor. Type and format order for billing and provisioning Populate required fields 3 1.000 0.700 2.10 \$40.03 2.10 2.1	\$1.40 \$0.93 \$0.93
Subtotal - INTERCONNECT SERVICE CENTER	\$4.67 \$1.40 \$1.40
-DESIGN Probabilities are % manual work required7 probability reflects 30% reduction to work time estimates ordered. ORDER HANDLING/SCREEN GOC ORDER LOG GOC ORDER LOG ENTER WA MASK DISCONNECT CIRCUIT DISCONNECT CIRCUIT DISTRIBUTE WORD DOC Subtotal - DESIGN -CENTRAL OFFICE FRAMES Time estimate(s) ordered by commission staff. ANALYZE ORDER REMOVE JUMPER 3 1.000 0.700 0.35 \$44.31 0.700 0.35 \$44.31 0.700 0.35 \$44.31 0.700 0.42 \$44.31 0.700 0.35 \$44.31 0.700 0.14 \$44.31 0.700 0.15 \$44.31 0.700 0.16 \$43.81	•
Probabilities are % manual work required.	\$10.74
OŘDER HANDLING/SCREEN 5 0.100 0.700 0.35 \$44.31 GOC ORDER LOG 6 0.100 0.700 0.42 \$44.31 ENTER WA MASK 5 0.100 0.700 0.35 \$44.31 DISCONNECT CIRCUIT 5 0.100 0.700 0.35 \$44.31 DISTRIBUTE WORD DOC 2 0.100 0.700 0.14 \$44.31 Subtotal - DESIGN -CENTRAL OFFICE FRAMES Time estimate(s) ordered by commission staff. ANALYZE ORDER 2 1.000 2.00 \$43.81 REMOVE JUMPER 3 1.000 3.00 \$43.81	
DISCONNECT CIRCUIT 5 0.100 0.700 0.35 \$44.31 DISTRIBUTE WORD DOC 2 0.100 0.700 0.14 \$44.31 Subtotal - DESIGN	\$0.26 \$0.31
Subtotal - DESIGN	\$0.26 \$0.26 \$0.10
-CENTRAL OFFICE FRAMES Time estimate(s) ordered by commission staff. ANALYZE ORDER 2 1.000 2.00 \$43.81 REMOVE JUMPER 3 1.000 3.00 \$43.81	•
Time estimate(s) ordered by commission staff. ANALYZE ORDER 2 1.000 2.00 \$43.81 REMOVE JUMPER 3 1.000 3.00 \$43.81	\$1.19
ANALYZE ORDÉR 2 1.000 2.00 \$43.81 REMOVE JUMPER 3 1.000 3.00 \$43.81	
Subtotal - CENTRAL OFFICE FRAMES 5.00	\$1.46 \$2.19
	\$3.65
-SERVICE DELIVERY IMPLEMENTOR	
.7 probability reflects 30% reduction to work time estimates ordered. SCREEN WFA FOR CIRCUIT 5 1.000 0.700 3.50 \$43.81	\$2.56
CONTACT CUSTOMER 5 1.000 0.700 3.50 \$43.81 COMPLETE CIRCUIT IN WFA/C 5 1.000 0.700 3.50 \$43.81	\$2.56 \$2.56
Subtotal - SERVICE DELIVERY IMPLEMENTOR 10.50	\$7.67
Total For Service: 33.21	\$23.25

Qwest Advice No. 3376T Page 539 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	[
						B * (C Thru F)		H * (G/60)

UNE-COMBINATION LMC-LOOP DS1 FIRST DISCONNECT manual (con't)

Cost		
Factor	Cost	
D	E	
0.040393	\$0	
0.040393	\$0	
0.000000	\$0	
0.042595	\$0 \$1	
0.042555	\$2	
	ΨΖ	
	\$25	
0.056129	\$1	
0.014074	\$0	
0.057904	\$1	
0.040926	\$1	
0.001136	\$0	
0.010471	\$0	
0.009808	\$0	
0.068149	\$1	
0.002634	\$0	
	\$6	
	\$32	
0.008052	\$0	
0.000682	\$0	
0.009631	\$0	
0.007338	\$0	
0.002772	\$0	
0.000042	\$0	
0.019104	\$0	
	\$1	

Qwest Advice No. 3376T Page 540 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

West form	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	0
Work Item A	Minutes B	#1 C	#2 D	#3 E	#4 F	(Minutes)	/Hour H	Cost
^	ь	C	Ь		'	B * (C Thru F)	""	H * (G/60)
						2 (0)		(3,55)
UNE-COMBINATION LMC-LOOP DS1 EACH ADDITIONAL INSTALL mechanized								
<u>*ADD*</u>								
-INTERCONNECT SERVICE CENTER								
Time estimate(s) ordered by commission staff.								
Process order	6	1.000				6.00	\$40.03	\$4.00
D. L. C. L. INTERCONNECT DEDIVIDE OFFITED						6.00		64.00
Subtotal - INTERCONNECT SERVICE CENTER						6.00		\$4.00
-DESIGN								
Probabilities are % manual work required. Reciprocal is mechanization rate.								
.7 probability reflects 30% reduction to work time estimates ordered.								
ORDER HANDLING/SCREENING	5	0.200			0.700	0.70	\$44.31	\$0.52
GOC ORDER LOG	6	0.200			0.700	0.84	\$44.31	\$0.62
ENTER WA MASK	5	0.800			0.700	2.80	\$44.31	\$2.07
PREP LOOP INPUT/DRI	15	0.750			0.700	7.88	\$44.31	\$5.82
CIRCUIT DESIGN	30	1.000			0.700	21.00	\$44.31	\$15.51
DISTRIBUTE WORD DOC	2	0.900			0.700	1.26	\$44.31	\$0.93
Subtotal - DESIGN						34.48		\$25.46
-CENTRAL OFFICE FRAMES								
.7 probability reflects 30% reduction to work time estimates ordered.								
ANALYZE ORDER	5	1.000			0.700	3.50	\$43.81	\$2.56
COMPLETE LOOP QUALIFICATION	5	1.000			0.700	3.50	\$43.81	\$2.56
COMPLETE CROSS-CONNECT	4	1.000			0.700	2.80	\$43.81	\$2.04
CONTINUITY/STRESS TESTS	15	1.000			0.700	10.50	\$43.81	\$7.67
POST COMPLETE IN WFADI	2	1.000			0.700	1.40	\$43.81	\$1.02
Subtotal - CENTRAL OFFICE FRAMES						21.70		\$15.84
								•
-LRAC 7 may be billifus reflected 200% reads at a supply time and impact a production of a supply time and impact a supply time and i								
.7 probability reflects 30% reduction to work time estimates ordered. SCREEN ORDER	2	1.000			0.700	1 10	\$37.78	\$0.88
LOAD WORK REQUEST TO TECH	2 5	1.000			0.700	1.40 3.50	\$37.78 \$37.78	\$0.88 \$2.20
CLOSE OUT WORK REQUEST	3	1.000			0.700	3.50 2.10	\$37.78 \$37.78	\$2.20 \$1.32
COMPLETE WORK IN WFADO	ა 3	1.000			0.700	2.10	\$37.78	\$1.32 \$1.32
CONTRICT WORK IN WEADO	3	1.000			0.700	2.10	φ31.16	Φ1.32
Subtotal - LRAC						9.10		\$5.73

⁻INSTALLATION/FIELD TECHNICIAN

0.2 probability is percent of time access/sac point work required.
.7 probability reflects 30% reduction to work time estimates ordered.

Qwest Advice No. 3376T Page 541 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B Study Year: 2001

Analyst: Deffley/Eoriatti
Product Group: Interconnection

West to	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	0
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G	Н	l
						B * (C Thru F)		H * (G/60)
UNE-COMBINATION LMC-LOOP DS1 EACH ADDITIONAL INSTALL mechanized (con't)								
AP/SAC POINT WORK	13	0.200			0.700	1.82	\$42.68	\$1.29
COMPLETE CONTINUITY TESTING	15	1.000			0.700	10.50	\$42.68	\$7.47
REPORT TEST RESULTS TO CCTI	2	1.000			0.700	1.40	\$42.68	\$1.00
COMPLETE WITH LRAC	1	1.000			0.700	0.70	\$42.68	\$0.50
COMILETE WITH LINO	'	1.000			0.700	0.70	Ψ+2.00	ψ0.50
Subtotal - INSTALLATION/FIELD TECHNICIAN						14.42		\$10.26
CERVICE RELIVERY INDICATENTOR								
-SERVICE DELIVERY IMPLEMENTOR								
.7 probability reflects 30% reduction to work time estimates ordered.		4 000				40.50	A 40.04	A = 0=
SCREEN WFA FOR CIRCUIT	15	1.000			0.700	10.50	\$43.81	\$7.67
VERIFY LNO FOR CIRCUIT	10	1.000			0.700	7.00	\$43.81	\$5.11
TEST CIRCUIT	35	1.000			0.700	24.50	\$43.81	\$17.89
COMPLETE CIRCUIT IN WFA/C	10	1.000			0.700	7.00	\$43.81	\$5.11
Subtotal - SERVICE DELIVERY IMPLEMENTOR						49.00		\$35.78
Total For Service:						134.70		\$97.0

Qwest Advice No. 3376T Page 542 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	
						B * (C Thru F)		H * (G/60)

UNE-COMBINATION LMC-LOOP DS1 EACH ADDITIONAL INSTALL mechanized (con't)

7877 Direct Cost			\$97.0
7878			
7879	Cost	Cost	
7880	Calculation	Factor	Cost
7881	ВС	D	E
7882 Directly Assigned			
7883 Product Management Expense	D7883*E7877	0.040393	\$3.9
7884 Sales Expense	D7884*E7877	0.014960	\$1.4
7885 Product Advertising Expense	D7885*E7877	0.000000	\$0.0
7886 Business Fees (Other Operating Taxes)	D7886*Sum(E7877:E7885)	0.042595	\$4.3
7887 Directly Assigned Costs	Sum(E7877:E7886)		\$9.7
7888			
7889 Total Direct Costs	E7877+E7887		\$106.8
7890			
7891 Directly Attributed			
7892 Network Operations	D7892*E7889	0.056129	\$6.0
7893 Network Support Assets	D7893*E7889	0.014074	\$1.5
7894 General Support Assets	D7894*E7889	0.057904	\$6.1
7895 General Purpose Computers	D7895*E7889	0.040926	\$4.3
7896 Uncollectible	D7896*E7889	0.001136	\$0.1
7897 Accounting & Finance Expense	D7897*E7889	0.010471	\$1.1
7898 Human Resources Expense	D7898*E7889	0.009808	\$1.0
7899 Information Management Expense	D7899*E7889	0.068149	\$7.2
7900 Intangibles	D7900*E7889	0.002634	\$0.2
7901 Directly Attributed Costs	Sum(E7892:E7900)		\$27.9
7902			0101
7903 <i>TELRIC</i> 7904	E7892+E7901		\$134.7
7904 7905 Common			
	D7906*E7903	0.008052	C4 C
7906 Executive Expense	D7906 E7903 D7907*E7903	0.006052	\$1.0 \$0.0
7907 Planning Expense			
7908 External Relations Expense	D7908*E7903 D7909*E7903	0.009631 0.007338	\$1.3
7909 Legal Expense			\$0.9
7910 Other Procurement Expense	D7910*E7903	0.002772	\$0.3
7911 Research & Development Expense	D7911*E7903	0.000042	\$0.0
7912 Other General and Admin Expense	D7912*E7903	0.019104	\$2.5
7913 Common Costs 7914	Sum(E7906:E7912)		\$6.4
7915 TELRIC + Common Costs	E7903+E7913		\$141.1
1910 TELRIC + COMMON COSIS	E/903+E/913		Φ141.T

Qwest Advice No. 3376T Page 543 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti
Product Group: Interconnection

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	В	C	D	E	F	G B * (C Thru F)	Н	I H * (G/60)
UNE-COMBINATION LMC-LOOP DS1 EACH ADDITIONAL INSTALL manual								
<u>*ADD*</u>								
-INTERCONNECT SERVICE CENTER .6 probability is percent of time this activity will occur.								
.7 probability reflects 30% reduction to work time estimates ordered.								
No manual times previously filed in this docket, therefore, current Qwest ISC times applied. Verify Connecting Facility Assignment (CFA) for facility/circuit availability	1	1.000			0.700	0.70	\$40.03	\$0.47
Populate required fields	3	1.000			0.700	2.10	\$40.03	\$1.40
Input order into service order processor. Type and format order for billing and provisioning	5	1.000			0.700	3.50	\$40.03	\$2.34
Ensure order is successfully distributed to the systems and is ready for provisioning Handle calls from other departments working the order	3 1	1.000 0.600			0.700 0.700	2.10 0.42	\$40.03 \$40.03	\$1.40 \$0.28
Handle issues including conditioning, facility, cable&pair	1	0.600			0.700	0.42	\$40.03	\$0.28
Subtotal - INTERCONNECT SERVICE CENTER						9.24		\$6.16
-DESIGN								
Probabilities are % manual work required. Reciprocal is mechanization rate.								
.7 probability reflects 30% reduction to work time estimates ordered. ORDER HANDLING/SCREENING	5	0.200			0.700	0.70	\$44.31	\$0.52
GOC ORDER LOG	6	0.200			0.700	0.70	\$44.31	\$0.52 \$0.62
ENTER WA MASK	5	0.800			0.700	2.80	\$44.31	\$2.07
PREP LOOP INPUT/DRI CIRCUIT DESIGN	15 30	0.750 1.000			0.700 0.700	7.88 21.00	\$44.31 \$44.31	\$5.82 \$15.51
DISTRIBUTE WORD DOC	2	0.900			0.700	1.26	\$44.31	\$0.93
Subtotal - DESIGN						34.48	·	\$25.46
						04.40		Ψ20.40
-CENTRAL OFFICE FRAMES .7 probability reflects 30% reduction to work time estimates ordered.								
ANALYZE ORDER	5	1.000			0.700	3.50	\$43.81	\$2.56
COMPLETE LOOP QUALIFICATION	5	1.000			0.700	3.50	\$43.81	\$2.56
COMPLETE CROSS-CONNECT CONTINUITY/STRESS TESTS	4 15	1.000 1.000			0.700 0.700	2.80 10.50	\$43.81 \$43.81	\$2.04 \$7.67
POST COMPLETE IN WFADI	2	1.000			0.700	1.40	\$43.81	\$1.02
Subtotal - CENTRAL OFFICE FRAMES						21.70		\$15.84
-LRAC								
.7 probability reflects 30% reduction to work time estimates ordered.								
SCREEN ORDER	2	1.000			0.700	1.40	\$37.78	\$0.88
LOAD WORK REQUEST TO TECH CLOSE OUT WORK REQUEST	5 3	1.000 1.000			0.700 0.700	3.50 2.10	\$37.78 \$37.78	\$2.20 \$1.32
OLOGE OUT WORK INEQUEST	3	1.000			0.700	2.10	ψ31.10	φ1.32

Qwest Advice No. 3376T Page 544 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti
Product Group: Interconnection

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	В	С	D	E	F	G B * (C Thru F)	Н	I H * (G/60)
						B (CIIIIIIF)		п (G/60)
UNE-COMBINATION LMC-LOOP DS1 EACH ADDITIONAL INSTALL manual (con't)								
COMPLETE WORK IN WFADO	3	1.000			0.700	2.10	\$37.78	\$1.32
Subtotal - LRAC						9.10		\$5.73

-INSTALLATION/FIELD TECHNICIAN 0.2 probability is percent of time access/sac point work required.								
.7 probability reflects 30% reduction to work time estimates ordered.								
AP/SAC POINT WORK	13	0.200			0.700	1.82	\$42.68	\$1.29
COMPLETE CONTINUITY TESTING	15	1.000			0.700	10.50	\$42.68	\$7.47
REPORT TEST RESULTS TO CCTI COMPLETE WITH LRAC	2	1.000 1.000			0.700 0.700	1.40 0.70	\$42.68 \$42.68	\$1.00 \$0.50
COMPLETE WITH LRAC	ı	1.000			0.700	0.70	⊅4∠.00	φυ.ου
Subtotal - INSTALLATION/FIELD TECHNICIAN						14.42		\$10.26
-SERVICE DELIVERY IMPLEMENTOR								
.7 probability reflects 30% reduction to work time estimates ordered.								
SČREEN WFA FOR CIRCUIT	15	1.000			0.700	10.50	\$43.81	\$7.67
VERIFY LNO FOR CIRCUIT	10	1.000			0.700	7.00	\$43.81	\$5.11
TEST CIRCUIT	35	1.000			0.700	24.50	\$43.81	\$17.89
COMPLETE CIRCUIT IN WFA/C	10	1.000			0.700	7.00	\$43.81	\$5.11
Subtotal - SERVICE DELIVERY IMPLEMENTOR						49.00		\$35.78
Total For Service:						137.94		\$99.23

Qwest Advice No. 3376T Page 545 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	
						B * (C Thru F)		H * (G/60)

UNE-COMBINATION LMC-LOOP DS1 EACH ADDITIONAL INSTALL manual (con't)

8014	Cost	Cost	
8015	Calculation	Factor	Cost
8016	ВС	D	Е
8017 Directly Assigned			
8018 Product Management Expense	D8018*E8012	0.040393	\$4.0
8019 Sales Expense	D8019*E8012	0.014960	\$1.48
8020 Product Advertising Expense	D8020*E8012	0.000000	\$0.00
8021 Business Fees (Other Operating Taxes)	D8021*Sum(E8012:E8020)	0.042595	\$4.40
8022 Directly Assigned Costs	Sum(E8012:E8021)		\$9.9
8023			
8024 Total Direct Costs	E8012+E8022		\$109.1
8025			
8026 Directly Attributed			
8027 Network Operations	D8027*E8024	0.056129	\$6.1
8028 Network Support Assets	D8028*E8024	0.014074	\$1.5
8029 General Support Assets	D8029*E8024	0.057904	\$6.3
8030 General Purpose Computers	D8030*E8024	0.040926	\$4.4
8031 Uncollectible	D8031*E8024	0.001136	\$0.1
8032 Accounting & Finance Expense	D8032*E8024	0.010471	\$1.1
8033 Human Resources Expense	D8033*E8024	0.009808	\$1.0
8034 Information Management Expense	D8034*E8024	0.068149	\$7.4
8035 Intangibles	D8035*E8024	0.002634	\$0.2
8036 Directly Attributed Costs 8037	Sum(E8027:E8035)		\$28.5
8038 TELRIC	E8027+E8036		\$137.7
8039			
8040 Common			
8041 Executive Expense	D8041*E8038	0.008052	\$1.1
8042 Planning Expense	D8042*E8038	0.000682	\$0.0
8043 External Relations Expense	D8043*E8038	0.009631	\$1.3
8044 Legal Expense	D8044*E8038	0.007338	\$1.0
8045 Other Procurement Expense	D8045*E8038	0.002772	\$0.3
8046 Research & Development Expense	D8046*E8038	0.000042	\$0.0
8047 Other General and Admin Expense	D8047*E8038	0.019104	\$2.6
8048 Common Costs	Sum(E8041:E8047)		\$6.5
8049			
8050 TELRIC + Common Costs	E8038+E8048		\$144.2

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Study Name: PART D FINAL ORDER NRC STUDY 7246 B Study Year: 2001

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	В	С	D	E	F	G B * (C Thru F)	Н	I H * (G/60)
UNE-COMBINATION LMC-LOOP DS1 EACH ADDITIONAL DISCONNECT mechanized								
DISCONNECT								
-INTERCONNECT SERVICE CENTER								
Time estimate(s) ordered by commission staff. Process order	6	1.000				6.00	\$40.03	\$4.00
Subtotal - INTERCONNECT SERVICE CENTER						6.00		\$4.00
-DESIGN								
Probabilities are % manual work required. Reciprocal is mechanization rate.								
.7 probability reflects 30% reduction to work time estimates ordered. ORDER HANDLING/SCREEN	5	0.100			0.700	0.35	\$44.31	\$0.26
GOC ORDER LOG	6	0.100			0.700	0.33	\$44.31	\$0.20 \$0.31
ENTER WA MASK	5	0.100			0.700	0.35	\$44.31	\$0.26
DISCONNECT CIRCUIT	5	0.100			0.700	0.35	\$44.31	\$0.26
DISTRIBUTE WORD DOC	2	0.100			0.700	0.14	\$44.31	\$0.10
Subtotal - DESIGN						1.61		\$1.19
-CENTRAL OFFICE FRAMES								
Time estimate(s) ordered by commission staff.								
ANALYZE ORDER	2	1.000				2.00	\$43.81	\$1.46
REMOVE JUMPER	3	1.000				3.00	\$43.81	\$2.19
Subtotal - CENTRAL OFFICE FRAMES						5.00		\$3.65
Total For Service:						12.61		\$8.84

Qwest Advice No. 3376T Page 547 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	
						B * (C Thru F)		H * (G/60)

UNE-COMBINATION LMC-LOOP DS1 EACH ADDITIONAL DISCONNECT mechanized (con't)

8102 Direct Cost			\$8.84
8103	i		
8104	Cost	Cost	0
8105	Calculation	Factor	Cost
8106	ВС	D	E
8107 Directly Assigned	D0400*F0400	0.040000	# 0.00
8108 Product Management Expense	D8108*E8102	0.040393	\$0.36
8109 Sales Expense	D8109*E8102	0.014960	\$0.13
8110 Product Advertising Expense	D8110*E8102	0.000000 0.042595	\$0.00
8111 Business Fees (Other Operating Taxes) 8112 Directly Assigned Costs	D8111*Sum(E8102:E8110) Sum(E8102:E8111)	0.042595	\$0.40 \$0.89
8113 Birectly Assigned Costs	Sum(E6102:E6111)		\$0.09
8114 Total Direct Costs	E8102+E8112		\$9.73
8115	20102120112		ΨΟ.ΤΟ
8116 Directly Attributed			
8117 Network Operations	D8117*E8114	0.056129	\$0.55
8118 Network Support Assets	D8118*E8114	0.014074	\$0.14
8119 General Support Assets	D8119*E8114	0.057904	\$0.56
8120 General Purpose Computers	D8120*E8114	0.040926	\$0.40
8121 Uncollectible	D8121*E8114	0.001136	\$0.01
8122 Accounting & Finance Expense	D8122*E8114	0.010471	\$0.10
8123 Human Resources Expense	D8123*E8114	0.009808	\$0.10
8124 Information Management Expense	D8124*E8114	0.068149	\$0.66
8125 Intangibles	D8125*E8114	0.002634	\$0.03
8126 Directly Attributed Costs	Sum(E8117:E8125)		\$2.54
8127	·		
8128 TELRIC	E8117+E8126		\$12.27
8129			
8130 Common			
8131 Executive Expense	D8131*E8128	0.008052	\$0.10
8132 Planning Expense	D8132*E8128	0.000682	\$0.01
8133 External Relations Expense	D8133*E8128	0.009631	\$0.12
8134 Legal Expense	D8134*E8128	0.007338	\$0.09
8135 Other Procurement Expense	D8135*E8128	0.002772	\$0.03
8136 Research & Development Expense	D8136*E8128	0.000042	\$0.00
8137 Other General and Admin Expense	D8137*E8128	0.019104	\$0.23
8138 Common Costs	Sum(E8131:E8137)		\$0.58
8139 8140 TELRIC + Common Costs	E8128+E8138		¢40.00
0140 IELRIC + COMMON COSTS	E8128+E8138		\$12.86

Qwest Advice No. 3376T Page 548 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	В	С	D	E	F	G B * (C Thru F)	Н	I H * (G/60)
UNE-COMBINATION LMC-LOOP DS1 EACH ADDITIONAL DISCONNECT manual								
DISCONNECT								
-INTERCONNECT SERVICE CENTER								
.7 probability reflects 30% reduction to work time estimates ordered.								
No manual times previously filed in this docket, therefore, current Qwest ISC times applied.								4
Populate required fields	3	1.000			0.700	2.10	\$40.03	\$1.40
Input order into service order processor. Type and format order for billing and provisioning	5	1.000			0.700	3.50	\$40.03	\$2.34
Ensure order is successfully distributed to the systems and is ready for provisioning	3	1.000			0.700	2.10	\$40.03	\$1.40
Subtotal - INTERCONNECT SERVICE CENTER						7.70		\$5.14
<u>DESIGN</u>								
Probabilities are % manual work required. Reciprocal is mechanization rate.								
.7 probability reflects 30% reduction to work time estimates ordered. ORDER HANDLING/SCREEN	-	0.100			0.700	0.35	\$44.31	\$0.26
GOC ORDER LOG	5	0.100			0.700	0.35	\$44.31	\$0.26 \$0.31
ENTER WA MASK	5	0.100			0.700	0.42	\$44.31	\$0.31 \$0.26
DISCONNECT CIRCUIT	5	0.100			0.700	0.35	\$44.31	\$0.26
DISTRIBUTE WORD DOC	2	0.100			0.700	0.14	\$44.31	\$0.10
						-	•	• • •
Subtotal - DESIGN						1.61		\$1.19
CENTRAL OFFICE FRAMES								
Time estimate(s) ordered by commission staff.								
ANALYZE ORDĚR	2	1.000				2.00	\$43.81	\$1.46
REMOVE JUMPER	3	1.000				3.00	\$43.81	\$2.19
Subtotal - CENTRAL OFFICE FRAMES						5.00		\$3.65
Total For Service:						14.31		\$9.98
Total For Service:						14.31		\$9.90

Qwest Advice No. 3376T Page 549 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G	Н	
						B * (C Thru F)		H * (G/60)

UNE-COMBINATION LMC-LOOP DS1 EACH ADDITIONAL DISCONNECT manual (con't)

8192 Direct Cost			\$9.98
8193			<u>.</u>
8194	Cost	Cost	
8195	Calculation	Factor	Cost
8196	ВС	D	E
8197 Directly Assigned	<u>-</u>		
8198 Product Management Expense	D8198*E8192	0.040393	\$0.40
8199 Sales Expense	D8199*E8192	0.014960	\$0.15
8200 Product Advertising Expense	D8200*E8192	0.000000	\$0.00
8201 Business Fees (Other Operating Taxes)	D8201*Sum(E8192:E8200)	0.042595	\$0.45
8202 Directly Assigned Costs	Sum(E8192:E8201)		\$1.00
8203			
8204 Total Direct Costs	E8192+E8202		\$10.98
8205			
8206 Directly Attributed			
8207 Network Operations	D8207*E8204	0.056129	\$0.62
8208 Network Support Assets	D8208*E8204	0.014074	\$0.15
8209 General Support Assets	D8209*E8204	0.057904	\$0.64
8210 General Purpose Computers	D8210*E8204	0.040926	\$0.45
8211 Uncollectible	D8211*E8204	0.001136	\$0.01
8212 Accounting & Finance Expense	D8212*E8204	0.010471	\$0.11
8213 Human Resources Expense	D8213*E8204	0.009808	\$0.11
8214 Information Management Expense	D8214*E8204	0.068149	\$0.75
8215 Intangibles	D8215*E8204	0.002634	\$0.03
8216 Directly Attributed Costs	Sum(E8207:E8215)		\$2.87
8217	<u> </u>		•
8218 TELRIC	E8207+E8216		\$13.85
8219			
8220 Common			
8221 Executive Expense	D8221*E8218	0.008052	\$0.11
8222 Planning Expense	D8222*E8218	0.000682	\$0.01
8223 External Relations Expense	D8223*E8218	0.009631	\$0.13
8224 Legal Expense	D8224*E8218	0.007338	\$0.10
8225 Other Procurement Expense	D8225*E8218	0.002772	\$0.04
8226 Research & Development Expense	D8226*E8218	0.000042	\$0.00
8227 Other General and Admin Expense	D8227*E8218	0.019104	\$0.26
8228 Common Costs	Sum(E8221:E8227)		\$0.66
8229			
8230 TELRIC + Common Costs	E8218+E8228		\$14.50

Qwest Advice No. 3376T Page 550 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti Product Group: Interconnection

West form	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	04
Work Item	Minutes B	#1 C	#2 D	#3	#4	(Minutes)	/Hour H	Cost
^	ь	C	Б		Г	B * (C Thru F)	П	H * (G/60)
NEW UNE-P DEDICATED PRI 23B+D SERVICE CONFIGURATION INSTALL								
ADD								
-NROC								
.66 probability % BY SWITCH TYPE								
.70 probability reflects 30% reduction to work time estimates ordered								
PRI INTERFACE GRP PER D CHAN	10	0.660	0.700			4.62	\$41.45	\$3.19
D CHANNEL TRK GROUP	35	0.660	0.700			16.17	\$41.45	\$11.17
PER B CHANNEL TRK GROUP	140	0.660	0.700			64.68	\$41.45	\$44.68
D CHANNEL TRK MEMBER	5	0.660	0.700			2.31	\$41.45	\$1.60
PER B CHANNEL TRK MEMBER PER ROUTE INDEX	115 45	0.660 0.660	0.700 0.700			53.13 20.79	\$41.45 \$41.45	\$36.70 \$14.36
ALTERNATE RI FOR DATA	45 45	0.660	0.700			20.79	\$41.45	\$14.36
							•	•
Subtotal - NROC						182.49		\$126.07
-TRANSLATIONS - INPUT								
.66 probability % BY SWITCH TYPE								
.70 probability reflects 30% reduction to work time estimates ordered								
PRI INTERFACE GRP PER D CHAN	5	0.660	0.700			2.31	\$41.45	\$1.60
D CHANNEL TRK GROUP	25	0.660	0.700			11.55	\$41.45	\$7.98
PER B CHANNEL TRK GROUP	100	0.660	0.700			46.20	\$41.45	\$31.92
D CHANNEL TRK MEMBER		0.660	0.700			2.31	\$41.45	\$1.60
PER B CHANNEL TRK MEMBER	115	0.660	0.700			53.13	\$41.45	\$36.70
PER ROUTE INDEX ALTERNATE RI FOR DATA	30	0.660 0.660	0.700 0.700			13.86 13.86	\$41.45 \$41.45	\$9.57
ALIERIVATE KI FUK DATA	30	0.000	0.700			13.86	\$41.45	\$9.57
Subtotal - TRANSLATIONS - INPUT						143.22		\$98.94
								4007.51
Total For Service:						325.71		\$225.01

Qwest Advice No. 3376T Page 551 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G	Н	
						B * (C Thru F)		H * (G/60)

NEW UNE-P DEDICATED PRI 23B+D SERVICE CONFIGURATION INSTALL (con't)

8282 Direct Cost			\$225.0
8283			
8284	Cost	Cost	
8285	Calculation	Factor	Cost
8286	ВС	D	Е
8287 Directly Assigned			
8288 Product Management Expense	D8288*E8282	0.040393	\$9.
8289 Sales Expense	D8289*E8282	0.014960	\$3.
8290 Product Advertising Expense	D8290*E8282	0.000000	\$0.
8291 Business Fees (Other Operating Taxes)	D8291*Sum(E8282:E8290)	0.042595	<u>\$10.</u>
8292 Directly Assigned Costs	Sum(E8282:E8291)		\$22.
8293			
8294 Total Direct Costs	E8282+E8292		\$247.
8295			
8296 Directly Attributed			
8297 Network Operations	D8297*E8294	0.056129	\$13.
8298 Network Support Assets	D8298*E8294	0.014074	\$3
8299 General Support Assets	D8299*E8294	0.057904	\$14
8300 General Purpose Computers	D8300*E8294	0.040926	\$10.
8301 Uncollectible	D8301*E8294	0.001136	\$0.
8302 Accounting & Finance Expense	D8302*E8294	0.010471	\$2.
8303 Human Resources Expense	D8303*E8294	0.009808	\$2.
8304 Information Management Expense	D8304*E8294	0.068149	\$16.
8305 Intangibles	D8305*E8294	0.002634	\$0.
8306 Directly Attributed Costs	Sum(E8297:E8305)		\$64.
8307			
8308 TELRIC	E8297+E8306		\$312
8309			
8310 Common			
8311 Executive Expense	D8311*E8308	0.008052	\$2.
8312 Planning Expense	D8312*E8308	0.000682	\$0.
8313 External Relations Expense	D8313*E8308	0.009631	\$3
8314 Legal Expense	D8314*E8308	0.007338	\$2.
8315 Other Procurement Expense	D8315*E8308	0.002772	\$0.
8316 Research & Development Expense	D8316*E8308	0.000042	\$0
8317 Other General and Admin Expense	D8317*E8308	0.019104	\$5
8318 Common Costs	Sum(E8311:E8317)		\$14.
8319			
8320 TELRIC + Common Costs	E8308+E8318		\$327.

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Study Name: PART D FINAL ORDER NRC STUDY 7246 B Study Year: 2001

Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3 F	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G B * (C Thru F)	Н	і Н * (G/60)
						B (C IIII a I)		11 (0/00)
W UNE-P DEDICATED PRI 23B+D SERVICE CONFIGURATION DISCONNECT								
ISCONNECT*								
ROC								
.66 probability % BY SWITCH TYPE								
.70 probability reflects 30% reduction to work time estimates ordered	_	0.000	0.700			0.04	044 45	04.0
PRI INTERFACE GRP PER D CHAN D CHANNEL TRK GROUP	5 10	0.660 0.660	0.700 0.700			2.31 4.62	\$41.45 \$41.45	\$1.6 \$3.1
PER B CHANNEL TRK GROUP	40	0.660	0.700			18.48	\$41.45	\$12.7
D CHANNEL TRK MEMBER	5	0.660	0.700			2.31	\$41.45	\$1.6
PER B CHANNEL TRK MEMBER	115	0.660	0.700			53.13	\$41.45	\$36.7
PER ROUTE INDEX	15	0.660	0.700			6.93	\$41.45	\$4.7
ALTERNATE RI FOR DATA	15	0.660	0.700			6.93	\$41.45	\$4.7
btotal - NROC						94.71		\$65.43
<u>PUT</u>								
.66 probability % BY SWITCH TYPE								
.70 probability reflects 30% reduction to work time estimates ordered								
PRI INTERFACE GRP PER D CHAN	5	0.660	0.700			2.31	\$41.45	\$1.6
D CHANNEL TRK GROUP PER B CHANNEL TRK GROUP	5 20	0.660 0.660	0.700 0.700			2.31 9.24	\$41.45 \$41.45	\$1.6 \$6.3
D CHANNEL TRK MEMBER	20 5	0.660	0.700			9.24 2.31	\$41.45	ან.პ \$1.6
PER B CHANNEL TRK MEMBER	115	0.660	0.700			53.13	\$41.45	\$36.7
PER ROUTE INDEX	15	0.660	0.700			6.93	\$41.45	\$4.7
ALTERNATE RI FOR DATA	15	0.660	0.700			6.93	\$41.45	\$4.7
btotal - INPUT						83.16		\$57.4
tal For Service:						177.87		\$122.8

Qwest Advice No. 3376T Page 553 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	
						B * (C Thru F)		H * (G/60)

NEW UNE-P DEDICATED PRI 23B+D SERVICE CONFIGURATION DISCONNECT (con't)

8373 8374	Cost	Cost	
8375	Calculation	Factor	Cost
8376	B C	D	E
8377 Directly Assigned			
8378 Product Management Expense	D8378*E8372	0.040393	\$4.9
8379 Sales Expense	D8379*E8372	0.014960	\$1.8
8380 Product Advertising Expense	D8380*E8372	0.000000	\$0.0
8381 Business Fees (Other Operating Taxes)	D8381*Sum(E8372:E8380)	0.042595	\$5.5
8382 Directly Assigned Costs	Sum(E8372:E8381)		\$12.3
8383	· · · · ·		
8384 Total Direct Costs	E8372+E8382		\$135.2
8385			
8386 Directly Attributed			
8387 Network Operations	D8387*E8384	0.056129	\$7.5
8388 Network Support Assets	D8388*E8384	0.014074	\$1.9
8389 General Support Assets	D8389*E8384	0.057904	\$7.8
8390 General Purpose Computers	D8390*E8384	0.040926	\$5.5
8391 Uncollectible	D8391*E8384	0.001136	\$0.1
8392 Accounting & Finance Expense	D8392*E8384	0.010471	\$1.4
8393 Human Resources Expense	D8393*E8384	0.009808	\$1.3
8394 Information Management Expense	D8394*E8384	0.068149	\$9.2
8395 Intangibles	D8395*E8384	0.002634	\$0.3
8396 Directly Attributed Costs	Sum(E8387:E8395)		\$35.3
8397 8398 TELRIC	E8387+E8396		\$170.5
8399	E0307+E0390		\$170.5
8400 Common			
8401 Executive Expense	D8401*E8398	0.008052	\$1.3
8402 Planning Expense	D8401 E6336 D8402*E8398	0.000682	\$0.
8403 External Relations Expense	D8403*E8398	0.009631	\$1.6
8404 Legal Expense	D8404*E8398	0.003331	\$1.2
8405 Other Procurement Expense	D8405*E8398	0.007330	\$0.4
8406 Research & Development Expense	D8406*E8398	0.000042	\$0.0
8407 Other General and Admin Expense	D8407*E8398	0.019104	\$3.2
		3.3.0104	\$8.7
8408 Common Costs 8409	Sum(E8401:E8407)	0.010104	
10 TELRIC + Common Costs	E8398+E8408	·	\$17

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Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G B * (C Thru F)	Н	I H * (G/60)
						B (O IIIIa I)		11 (0/00)
IEW UNE-P DEDICATED PRI 24B SERVICE CONFIGURATION INSTALL								
ADD*								
NROC								
.66 probability % BY SWITCH TYPE								
.70 probability reflects 30% reduction to work time estimates ordered								
PER B CHANNEL TRK GRP	140	0.660	0.700			64.68	\$41.45	\$44.6
PER B CHANNEL TRK MEMBER	120	0.660	0.700			55.44	\$41.45	\$38.3
PER ROUTE INDEX	45	0.660	0.700			20.79	\$41.45	\$14.3
ALTERNATE RI FOR DATA	45	0.660	0.700			20.79	\$41.45	\$14.30
ubtotal - NROC						161.70		\$111.7
inoc								
NROC .10 probability OF CUSTOMERS MAKING CHANGES BEFORE SERVICE								
ORDER COMPLETED								
.20 probability OF THE 10% OF TOTAL CUSTOMERS, 20% ADD B-CHANNEL								
TRUNK GROUPS AND B-CHANNEL MEMBER CHANGES WHICH IMPACT								
THE ROUTE INDEX.								
.70 probability reflects 30% reduction to work time estimates ordered								
PER B CHANNEL TRK GRP	140	0.100	0.200	0.700		1.96	\$41.45	\$1.3
PER B CHANNEL TRK MEMBER	120	0.100	0.200	0.700		1.68	\$41.45	\$1.1
PER ROUTE INDEX	45	0.100	0.200	0.700		0.63	\$41.45	\$0.4
ALTERNATE RI FOR DATA	45	0.100	0.200	0.700		0.63	\$41.45	\$0.4
ubtotal - NROC						4.90		\$3.3
NDUT								
NPUT .66 probability % BY SWITCH TYPE								
.70 probability 76 BY SWITCH TITE .70 probability reflects 30% reduction to work time estimates ordered								
PER B CHANNEL TRK GRP	100	0.660	0.700			46.20	\$41.45	\$31.9
						55.44	\$41.45	\$38.3
PER B CHANNEL TRK MEMBER	120	0.660	0.700					
PER B CHANNEL TRK MEMBER PER ROUTE INDEX	120 30	0.660 0.660	0.700 0.700					
			0.700 0.700 0.700			13.86 13.86	\$41.45 \$41.45	\$9.57 \$9.57

-NROC

.10 probability OF CUSTOMERS MAKING CHANGES BEFORE SERVICE ORDER COMPLETED .20 probability OF THE 10% OF TOTAL CUSTOMERS, 20% ADD B-CHANNEL TRUNK GROUPS AND B-CHANNEL MEMBER CHANGES WHICH IMPACT THE ROUTE INDEX.

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Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti
Product Group: Interconnection

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	Minutes #1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G	Н	1
						B * (C Thru F)		H * (G/60)
NEW UNE-P DEDICATED PRI 24B SERVICE CONFIGURATION INSTALL (con't)								
.70 probability reflects 30% reduction to work time estimates ordered								
PER B CHANNEL TRK GRP	100	0.100	0.200	0.700		1.40	\$41.45	\$0.97
PER B CHANNEL TRK MEMBER	120	0.100	0.200	0.700		1.68	\$41.45	\$1.16
PER ROUTE INDEX	30	0.100	0.200	0.700		0.42	\$41.45	\$0.29
ALTERNATE RI FOR DATA	30	0.100	0.200	0.700		0.42	\$41.45	\$0.29
Subtotal - NROC						3.92		\$2.71
Total For Service:						299.88		\$207.17

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Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	
						B * (C Thru F)		H * (G/60)

NEW UNE-P DEDICATED PRI 24B SERVICE CONFIGURATION INSTALL (con't)

8509	Cost	Cost	
8510	Calculation	Factor	Cost
8511	ВС	D	Е
8512 Directly Assigned			
8513 Product Management Expense	D8513*E8507	0.040393	\$8.3
8514 Sales Expense	D8514*E8507	0.014960	\$3.1
8515 Product Advertising Expense	D8515*E8507	0.000000	\$0.0
8516 Business Fees (Other Operating Taxes)	D8516*Sum(E8507:E8515)	0.042595	\$9.3
8517 Directly Assigned Costs	Sum(E8507:E8516)		\$20.7
8518			
8519 Total Direct Costs	E8507+E8517		\$227.9
8520			
8521 Directly Attributed			
8522 Network Operations	D8522*E8519	0.056129	\$12.7
8523 Network Support Assets	D8523*E8519	0.014074	\$3.2
8524 General Support Assets	D8524*E8519	0.057904	\$13.2
8525 General Purpose Computers	D8525*E8519	0.040926	\$9.3
8526 Uncollectible	D8526*E8519	0.001136	\$0.2
8527 Accounting & Finance Expense	D8527*E8519	0.010471	\$2.3
8528 Human Resources Expense	D8528*E8519	0.009808	\$2.2
8529 Information Management Expense	D8529*E8519	0.068149	\$15.5
8530 Intangibles	D8530*E8519	0.002634	\$0.6
8531 Directly Attributed Costs 8532	Sum(E8522:E8530)		\$59.5
8533 <i>TELRIC</i>	E8522+E8531		\$287.4
8534			
8535 Common			
8536 Executive Expense	D8536*E8533	0.008052	\$2.3
8537 Planning Expense	D8537*E8533	0.000682	\$0.2
8538 External Relations Expense	D8538*E8533	0.009631	\$2.7
8539 Legal Expense	D8539*E8533	0.007338	\$2.
8540 Other Procurement Expense	D8540*E8533	0.002772	\$0.8
8541 Research & Development Expense	D8541*E8533	0.000042	\$0.0
8542 Other General and Admin Expense	D8542*E8533	0.019104	\$5.
8543 Common Costs	Sum(E8536:E8542)		\$13.

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Study Name: PART D FINAL ORDER NRC STUDY 7246 B Study Year: 2001

Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	В	С	D	Е	F	G B * (C Thru F)	Н	I H * (G/60)
NEW UNE-P DEDICATED PRI 24B SERVICE CONFIGURATION DISCONNECT								
DISCONNECT								
-NROC .66 probability % BY SWITCH TYPE .70 probability reflects 30% reduction to work time estimates ordered PER B CHANNEL TRK GRP PER B CHANNEL TRK MEMBER PER ROUTE INDEX ALTERNATE RI FOR DATA	40 120 15 15	0.660 0.660 0.660 0.660	0.700 0.700 0.700 0.700			18.48 55.44 6.93 6.93	\$41.45 \$41.45 \$41.45 \$41.45	\$12.77 \$38.30 \$4.79 \$4.79
Subtotal - NROC						87.78		\$60.64
-NROC .10 probability is 10% OF CUSTOMERS MAKING CHANGES BEFORE SERVICE ORDER COMPLETED .80 probability is OF THE 10% OF TOTAL CUSTOMERS, 80% DISCONNECT B-CHANNEL TRUNK GROUPS AND B-CHANNEL MEMBER CHANGES WHICH IMPACT THE ROUTE INDEX70 probability reflects 30% reduction to work time estimates ordered PER B CHANNEL TRK GRP PER B CHANNEL TRK MEMBER PER ROUTE INDEX ALTERNATE RI FOR DATA	40 120 15 15	0.100 0.100 0.100 0.100	0.800 0.800 0.800 0.800	0.700 0.700 0.700 0.700		2.24 6.72 0.84 0.84	\$41.45 \$41.45 \$41.45 \$41.45	\$1.55 \$4.64 \$0.58 \$0.58
Subtotal - NROC						10.64		\$7.35
-INPUT .66 probability % BY SWITCH TYPE .70 probability reflects 30% reduction to work time estimates ordered PER B CHANNEL TRK GRP PER B CHANNEL TRK MEMBER PER ROUTE INDEX ALTERNATE RI FOR DATA	20 120 15 15	0.660 0.660 0.660 0.660	0.700 0.700 0.700 0.700			9.24 55.44 6.93 6.93	\$41.45 \$41.45 \$41.45 \$41.45	\$6.38 \$38.30 \$4.79 \$4.79
NROC .10 probability is 10% OF CUSTOMERS MAKING CHANGES BEFORE SERVICE ORDER COMPLETED .80 probability is OF THE 10% OF TOTAL CUSTOMERS, 80% DISCONNECT B-CHANNEL TRUNK GROUPS AND B-CHANNEL MEMBER CHANGES WHICH IMPACT THE ROUTE INDEX70 probability reflects 30% reduction to work time estimates ordered PER B CHANNEL TRK GRP	20	0.100	0.800	0.700		1.12	\$41.45	\$0.77

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Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti
Product Group: Interconnection

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	В	С	D	E	F	G B * (C Thru F)	Н	I H * (G/60)
NEW UNE-P DEDICATED PRI 24B SERVICE CONFIGURATION DISCONNECT (con't)								
PER B CHANNEL TRK MEMBER	120	0.100	0.800	0.700		6.72	\$41.45	\$4.64
PER ROUTE INDEX	15	0.100	0.800	0.700		0.84	\$41.45	\$0.58
ALTERNATE RI FOR DATA	15	0.100	0.800	0.700		0.84	\$41.45	\$0.58
Subtotal - INPUT						88.06		\$60.83
Total For Service:						186.48		\$128.83

Qwest Advice No. 3376T Page 559 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G	Н	
						B * (C Thru F)		H * (G/60)

NEW UNE-P DEDICATED PRI 24B SERVICE CONFIGURATION DISCONNECT (con't)

8642 Direct Cost			\$128.
8643	Cost	Cost	
8644			04
8645	Calculation	Factor	Cost
8646	ВС	D	E
8647 Directly Assigned			
8648 Product Management Expense	D8648*E8642	0.040393	\$5.
8649 Sales Expense	D8649*E8642	0.014960	\$1
8650 Product Advertising Expense	D8650*E8642	0.000000	\$0
8651 Business Fees (Other Operating Taxes)	D8651*Sum(E8642:E8650)	0.042595	<u>\$5</u>
8652 Directly Assigned Costs	Sum(E8642:E8651)		\$12
8653			
8654 Total Direct Costs	E8642+E8652		\$141
8655			
8656 Directly Attributed			
8657 Network Operations	D8657*E8654	0.056129	\$7
8658 Network Support Assets	D8658*E8654	0.014074	\$1
8659 General Support Assets	D8659*E8654	0.057904	\$8
8660 General Purpose Computers	D8660*E8654	0.040926	\$5
8661 Uncollectible	D8661*E8654	0.001136	\$0
8662 Accounting & Finance Expense	D8662*E8654	0.010471	\$1
8663 Human Resources Expense	D8663*E8654	0.009808	\$1
8664 Information Management Expense	D8664*E8654	0.068149	\$9
8665 Intangibles	D8665*E8654	0.002634	\$0
8666 Directly Attributed Costs	Sum(E8657:E8665)		\$37
8667			
8668 TELRIC	E8657+E8666		\$178
8669			
8670 Common			
8671 Executive Expense	D8671*E8668	0.008052	\$1
8672 Planning Expense	D8672*E8668	0.000682	\$0
8673 External Relations Expense	D8673*E8668	0.009631	\$1
8674 Legal Expense	D8674*E8668	0.007338	\$1
8675 Other Procurement Expense	D8675*E8668	0.002772	\$0
8676 Research & Development Expense	D8676*E8668	0.000042	\$0
8677 Other General and Admin Expense	D8677*E8668	0.019104	\$3
8678 Common Costs	Sum(E8671:E8677)		\$8
8679	,		
8680 TELRIC + Common Costs	E8668+E8678		\$187

Qwest Advice No. 3376T Page 560 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

West from	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	0
Work Item	Minutes B	#1 C	#2 D	#3	#4	(Minutes)	/Hour	Cost
A	В	C	D	_	Г	B * (C Thru F)	П	и Н * (G/60)
						D (C IIIIa I)		11 (0/00)
NEW UNE-P DED PRI - 23B+BACK UP D CONFIGURATION - 5E INSTALL								

<u>*ADD*</u>								
-NROC								
.70 probability reflects 30% reduction to work time estimates ordered .66 probability % by switch type								
Per B channel trunk group	140	0.660	0.700			64.68	\$41.45	\$44.68
D Channel trunk member	5	0.660	0.700			2.31	\$41.45	\$1.60
Per B Channel trunk member Per route index	115 45	0.660 0.660	0.700 0.700			53.13 20.79	\$41.45 \$41.45	\$36.70 \$14.36
Alternate route index for data	45 45	0.660	0.700			20.79	\$41.45 \$41.45	\$14.36
Alternate route index for data	43	0.000	0.700			20.79	φ41.40	φ14.30
Subtotal - NROC						161.70		\$111.71
-NROC .70 probability reflects 30% reduction to work time estimates ordered .10 probability 10% of total customers .20 probability of the 10% of total customers, 20% add b-Channel trunk groups and B-channel member changes which impact the route index Per B Channel trunk group Per B Channel trunk member	140 115	0.100 0.100	0.200 0.200	0.700 0.700		1.96 1.61	\$41.45 \$41.45	\$1.35 \$1.11
Per route index	45	0.100	0.200	0.700		0.63	\$41.45	\$0.44
Alternate route index for data	45	0.100	0.200	0.700		0.63	\$41.45	\$0.44
Subtotal - NROC						4.83		\$3.34
-INPUT .70 probability reflects 30% reduction to work time estimates ordered .66 probability % by switch type								
Per B channel trunk group	100	0.660	0.700			46.20	\$41.45	\$31.92
D Channel trunk member	5	0.660	0.700			2.31	\$41.45	\$1.60
Per B Channel trunk member	115	0.660	0.700			53.13	\$41.45	\$36.70
Per route index	30	0.660	0.700			13.86	\$41.45	\$9.57
Alternate route index for data	30	0.660	0.700			13.86	\$41.45	\$9.57
Subtotal - INPUT						129.36		\$89.37
								• • • • • • • • • • • • • • • • • • • •

-NROC

Qwest Advice No. 3376T Page 561 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti
Product Group: Interconnection

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G B * (C Thru F)	Н	I H * (G/60)
NEW UNE-P DED PRI - 23B+BACK UP D CONFIGURATION - 5E INSTALL (con't)								
Per B Channel trunk group	100	0.100	0.200	0.700		1.40	\$41.45	\$0.97
Per B Channel trunk member	115	0.100	0.200	0.700		1.61	\$41.45	\$1.11
Per route index	30	0.100	0.200	0.700		0.42	\$41.45	\$0.29
Alternate route index for data	30	0.100	0.200	0.700		0.42	\$41.45	\$0.29
Subtotal - NROC						3.85		\$2.66
Total For Service:						299.74		\$207.07

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Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	
						B * (C Thru F)		H * (G/60)

NEW UNE-P DED PRI - 23B+BACK UP D CONFIGURATION - 5E INSTALL (con't)

8779	Cost	Cost	
8780	Calculation	Factor	Cost
8781	В С	D	E
8782 Directly Assigned		_	
8783 Product Management Expense	D8783*E8777	0.040393	\$8.36
8784 Sales Expense	D8784*E8777	0.014960	\$3.10
8785 Product Advertising Expense	D8785*E8777	0.000000	\$0.00
8786 Business Fees (Other Operating Taxes)	D8786*Sum(E8777:E8785)	0.042595	\$9.3
8787 Directly Assigned Costs	Sum(E8777:E8786)		\$20.7
8788			
8789 Total Direct Costs	E8777+E8787		\$227.8
8790			
8791 Directly Attributed			
8792 Network Operations	D8792*E8789	0.056129	\$12.79
8793 Network Support Assets	D8793*E8789	0.014074	\$3.2
8794 General Support Assets	D8794*E8789	0.057904	\$13.1
8795 General Purpose Computers	D8795*E8789	0.040926	\$9.3
8796 Uncollectible	D8796*E8789	0.001136	\$0.20
8797 Accounting & Finance Expense	D8797*E8789	0.010471	\$2.3
8798 Human Resources Expense	D8798*E8789	0.009808	\$2.2
8799 Information Management Expense	D8799*E8789	0.068149	\$15.53
8800 Intangibles	D8800*E8789	0.002634	\$0.6
8801 Directly Attributed Costs	Sum(E8792:E8800)		\$59.5
8802 8802 TELBIO	F0700 - F0004		6007.0
8803 TELRIC 8804	E8792+E8801		\$287.3
8805 Common			
8806 Executive Expense	D8806*E8803	0.008052	\$2.3
8807 Planning Expense	D8807*E8803	0.006032	\$0.2
8808 External Relations Expense	D8808*E8803	0.000631	\$2.7
8809 Legal Expense	D8809*E8803	0.009031	\$2.1
8810 Other Procurement Expense	D8810*E8803	0.007338	\$0.8
8811 Research & Development Expense	D8811*E8803	0.002772	\$0.0
8812 Other General and Admin Expense	D8812*E8803	0.019104	\$5.4
CO. E. Control and Admin Expondo		0.010104	
8813 Common Costs	Sum(E8806:E8812)		\$13.6
8813 Common Costs 8814	Sum(E8806:E8812)		\$13.6

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Study Name: PART D FINAL ORDER NRC STUDY 7246 B Study Year: 2001

Analyst: Deffley/Eoriatti
Product Group: Interconnection

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	В	С	D	E	F	G B * (C Thru F)	Н	I H * (G/60)
NEW UNE-P DED PRI - 23B+BACK UP D CONFIGURATION - 5E DISCONNECT								
DISCONNECT								
-NROC								
.70 probability reflects 30% reduction to work time estimates ordered .66 % by switch type								
Per B channel trunk group	40	0.660	0.700			18.48	\$41.45	\$12.77
D Channel trunk member Per B Channel trunk member	5	0.660 0.660	0.700 0.700			2.31	\$41.45 \$41.45	\$1.60
Per b Chamer trunk member Per route index	115 15	0.660	0.700			53.13 6.93	\$41.45	\$36.70 \$4.79
Alternate route index for data	15	0.660	0.700			6.93	\$41.45	\$4.79
Subtotal - NROC						87.78		\$60.64
-NROC								
.70 probability reflects 30% reduction to work time estimates ordered .10 probability 10% of customers making changes before service order completed .80 probability of the 10% of total customers, 80% disconnect B-Channel trunk groups and B-Channel member changes which impact the route index.								
Per B channel trunk group	40	0.100	0.800	0.700		2.24	\$41.45	\$1.55
Per B Channel trunk member	115	0.100	0.800	0.700		6.44	\$41.45	\$4.45
Per route index Alternate route index for data	15 15	0.100 0.100	0.800 0.800	0.700 0.700		0.84 0.84	\$41.45 \$41.45	\$0.58 \$0.58
Alternate route index for data	15	0.100	0.800	0.700		0.04	φ41.40	φ0.56
Subtotal - NROC						10.36		\$7.16
-INPUT								
.70 probability reflects 30% reduction to work time estimates ordered								
.66 probability % by switch type Per B Channel trunk group	20	0.660	0.700			9.24	\$41.45	\$6.38
D Channel trunk member	5	0.660	0.700			2.31	\$41.45	\$1.60
Per B Channel trunk member	115	0.660	0.700			53.13	\$41.45	\$36.70
Per route index	15	0.660	0.700			6.93	\$41.45	\$4.79
Alternate route index for data	15	0.660	0.700			6.93	\$41.45	\$4.79
Subtotal - INPUT						78.54		\$54.26
-NROC								
.70 probability reflects 30% reduction to work time estimates ordered .10 probability 10% of customers making changes before service order completed .80 probability of the 10% of total customers, 80% disconnect B-Channel trunk groups								
and B-Channel member changes which impact the route index.								
Per B Channel trunk group	20	0.100	0.800	0.700		1.12	\$41.45	\$0.77

Qwest Advice No. 3376T Page 564 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B Study Year: 2001

Analyst: Deffley/Eoriatti
Product Group: Interconnection

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G	Н	
						B * (C Thru F)		H * (G/60)
NEW UNE-P DED PRI - 23B+BACK UP D CONFIGURATION - 5E DISCONNECT (con't)								
Per B Channel trunk member	115	0.100	0.800	0.700		6.44	\$41.45	\$4.45
Per route index	15	0.100	0.800	0.700		0.84	\$41.45	\$0.58
Alternate route index for data	15	0.100	0.800	0.700		0.84	\$41.45	\$0.58
Subtotal - NROC						9.24		\$6.38
Total For Service:						185.92		\$128.44

Qwest Advice No. 3376T Page 565 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G	Н	
						B * (C Thru F)		H * (G/60)

NEW UNE-P DED PRI - 23B+BACK UP D CONFIGURATION - 5E DISCONNECT (con't)

3914	Cost	Cost	
9915	Calculation	Factor	Cost
9916	ВС	D	Е
1917 Directly Assigned			
3918 Product Management Expense	D8918*E8912	0.040393	\$5.1
3919 Sales Expense	D8919*E8912	0.014960	\$1.9
3920 Product Advertising Expense	D8920*E8912	0.000000	\$0.0
3921 Business Fees (Other Operating Taxes)	D8921*Sum(E8912:E8920)	0.042595	\$5.7
922 Directly Assigned Costs	Sum(E8912:E8921)		\$12.8
9923			
8924 Total Direct Costs	E8912+E8922		\$141.3
3925			
3926 Directly Attributed			
8927 Network Operations	D8927*E8924	0.056129	\$7.9
3928 Network Support Assets	D8928*E8924	0.014074	\$1.9
3929 General Support Assets	D8929*E8924	0.057904	\$8.1
3930 General Purpose Computers	D8930*E8924	0.040926	\$5.7
3931 Uncollectible	D8931*E8924	0.001136	\$0.1
3932 Accounting & Finance Expense	D8932*E8924	0.010471	\$1.4
3933 Human Resources Expense	D8933*E8924	0.009808	\$1.3
3934 Information Management Expense	D8934*E8924	0.068149	\$9.6
935 Intangibles	D8935*E8924	0.002634	\$0.3
936 Directly Attributed Costs	Sum(E8927:E8935)		\$36.9
9937	E8927+E8936		\$178.2
3939			
3940 Common			
3941 Executive Expense	D8941*E8938	0.008052	\$1.4
3942 Planning Expense	D8942*E8938	0.000682	\$0.1
3943 External Relations Expense	D8943*E8938	0.009631	\$1.7
3944 Legal Expense	D8944*E8938	0.007338	\$1.3
3945 Other Procurement Expense	D8945*E8938	0.002772	\$0.4
3946 Research & Development Expense	D8946*E8938	0.000042	\$0.0
3947 Other General and Admin Expense	D8947*E8938	0.019104	\$3.4
8948 Common Costs	Sum(E8941:E8947)		\$8.4

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Study Name: PART D FINAL ORDER NRC STUDY 7246 B Study Year: 2001

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	B	C	#2 D	# \	# **	G	H	Cost
•	_	J	_	_	·	B * (C Thru F)		H * (G/60)
NEW UNE-P DSS BASIC TRUNKS - IN-ONLY TRUNK INSTALL - MECHANIZED								
ADD								
INTERCONNECT SERVICE CENTER								
Time estimate(s) ordered by commission staff. Process order	6	1.000				6.00	\$40.03	\$4.0
							ψ.σ.σσ	•
Subtotal - INTERCONNECT SERVICE CENTER						6.00		\$4.00
DESIGN SERVICE CENTER - DESIGN								
.042 probability average number per trunk order .042 based on average of 24 members								
per group (1/24)								
.05, .95, .20, .80 = % of manual probability .70 probability reflects 30% reduction to work time estimates ordered								
Order handling/screening	10	0.042	1.000	0.700		0.29	\$44.31	\$0.2
Validate DRI (Design Related Information) & WA (Work Authorization)	10	0.042	0.050	0.700		0.01	\$44.31	\$0.0
Validate DRI (Design Related Information) & WA (Work Authorization) Build/Verify CD (Circuit Detail)	4 15	0.042	0.950	0.700		0.11	\$44.31 \$44.31	\$0.0
Build/Verify CD (Circuit Detail) Build/Verify CD (Circuit Detail)	3	0.042 0.042	0.200 0.800	0.700 0.700		0.09 0.07	\$44.31 \$44.31	\$0.0° \$0.0°
Distribute Documents	2	0.042	1.000	0.700		0.06	\$44.31	\$0.04
TAS	15	0.042	1.000	0.700		0.44	\$44.31	\$0.33
Subtotal - DESIGN SERVICE CENTER - DESIGN						1.08		\$0.80
-DESIGN SERVICE CENTER - IMPLEMENTOR								
.042 probability average number per trunk order								
.042 based on average of 24 members								
per group (1/24) .70 probability reflects 30% reduction to work time estimates ordered								
Screen WFA (Work Force Administration) for circuit	5	0.042	0.700			0.15	\$43.81	\$0.1
Verify LNO (Local Network Operation) completion	5	0.042	0.700			0.15	\$43.81	\$0.1
Notify customer Complete circuit in WFA/C (Work Force Administration - Control Module)	5 10	0.042 0.042	0.700 0.700			0.15 0.29	\$43.81 \$43.81	\$0.1° \$0.2°
	10	0.042	0.700				Φ 4 3.01	* -
Subtotal - DESIGN SERVICE CENTER - IMPLEMENTOR						0.74		\$0.54
COMPLEX TRANSLATIONS								
.70 probability reflects 30% reduction to work time estimates ordered Administrative	40	0.700				7.00	¢44 45	640
Administrative Maintenance	10 10	0.700 0.700				7.00 7.00	\$41.45 \$41.45	\$4.84 \$4.84
	10	5.100					Ψ.11.10	·
Subtotal - COMPLEX TRANSLATIONS						14.00		\$9.67

Qwest Advice No. 3376T Page 567 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	
						B * (C Thru F)		H * (G/60)

NEW UNE-P DSS BASIC TRUNKS - IN-ONLY TRUNK INSTALL - MECHANIZED (con't)

Total For Service:	21.81	\$15.01
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Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	
						B * (C Thru F)		H * (G/60)

NEW UNE-P DSS BASIC TRUNKS - IN-ONLY TRUNK INSTALL - MECHANIZED (con't)

9047 Direct Cost			\$15.01
9048			
9049	Cost	Cost	
9050	Calculation	Factor	Cost
9051	ВС	D	E
9052 Directly Assigned			
9053 Product Management Expense	D9053*E9047	0.040393	\$0.61
9054 Sales Expense	D9054*E9047	0.014960	\$0.22
9055 Product Advertising Expense	D9055*E9047	0.000000	\$0.00
9056 Business Fees (Other Operating Taxes)	D9056*Sum(E9047:E9055)	0.042595	\$0.67
9057 Directly Assigned Costs	Sum(E9047:E9056)		\$1.51
9058			
9059 Total Direct Costs	E9047+E9057		\$16.51
9060			.
9061 Directly Attributed			
9062 Network Operations	D9062*E9059	0.056129	\$0.93
9063 Network Support Assets	D9063*E9059	0.014074	\$0.23
9064 General Support Assets	D9064*E9059	0.057904	\$0.96
9065 General Purpose Computers	D9065*E9059	0.040926	\$0.68
9066 Uncollectible	D9066*E9059	0.001136	\$0.02
9067 Accounting & Finance Expense	D9067*E9059	0.010471	\$0.17
9068 Human Resources Expense	D9068*E9059	0.009808	\$0.16
9069 Information Management Expense	D9069*E9059	0.068149	\$1.13
9070 Intangibles	D9070*E9059	0.002634	\$0.04
9071 Directly Attributed Costs	Sum(E9062:E9070)		\$4.31
9072			
9073 TELRIC	E9062+E9071		\$20.83
9074			
9075 Common			
9076 Executive Expense	D9076*E9073	0.008052	\$0.17
9077 Planning Expense	D9077*E9073	0.000682	\$0.01
9078 External Relations Expense	D9078*E9073	0.009631	\$0.20
9079 Legal Expense	D9079*E9073	0.007338	\$0.15
9080 Other Procurement Expense	D9080*E9073	0.002772	\$0.06
9081 Research & Development Expense	D9081*E9073	0.000042	\$0.00
9082 Other General and Admin Expense	D9082*E9073	0.019104	\$0.40
9083 Common Costs	Sum(E9076:E9082)		\$0.99
9084			
9085 TELRIC + Common Costs	E9073+E9083		\$21.82

Prob

Prob

Prob

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Prob Applied Time Labor

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

Mod to a		PIOD	PIOD	PIOD	PIOD	Applied Tillie	Labor	
	ıtes	#1	#2 D	#3	#4	(Minutes)	/Hour	Cost
A	3	С	D	E	F	G B * (C Thru F)	Н	H * (G/60
UNE-P DSS BASIC TRUNKS - IN-ONLY TRUNK INSTALL - MANUAL								
<u>)*</u>								
ERCONNECT SERVICE CENTER								
NO MANUAL ISC TIMES PREVIOUSLY FILED IN THIS DOCKET, THEREFORE, CURRENT QWEST ISC TIMES APPLIED.								
.70 probability reflects 30% reduction to work time estimates ordered								
Column 2 = occurrence								
Reviews LSR for completeness and accuracy, contractual entries (analyze request								
to determine co-provider, type of order and installation option)								
Receive and screen LSR	5	1.000	0.700			3.50	\$39.16	
Verifies CFA or facility/circuit availability								
Verify CFA	4	1.000	0.700			2.80	\$39.16	
Exchange Info-Obtain Central Office, name, address and office type, Access								
Telephone Address Guide to obtain the central office address and validate end user								
address								
Obtain Central Office info	1	1.000	0.700			0.70	\$39.16	
CPPD-lookup billing USOCs for co-provider	2	1.000	0.700			1.40	\$39.16	
Summary Bill List look up BTN#, tax code and bill date	•	4.000	0.700			4.40	600 40	
Summary bill look up Determine Critical Dates	2	1.000	0.700			1.40	\$39.16	
Type, review and submit to customer the Firm Order Confirmation (FOC)	1	1.000	0.700			0.70	\$39.16	
Review FOC	3	1.000	0.700			2.10	\$39.16	
Input order into service order processor (manually typing and formatting of all order	3	1.000	0.700			2.10	Ф 39.10	
for billing and provisioning)								
Issue service order	10	1.000	0.700			7.00	\$39.16	
Ensure order is successfully distributed to the systems and is ready for provisioning	10	1.000	0.700			7.00	ψ00.10	
Service order Analysis & Control (SOAC)	3	1.000	0.700			2.10	\$39.16	
Includes handling calls from other departments working the order	ŭ		000				φουο	
Call Handling	5	0.600	0.700			2.10	\$39.16	
Handling of problems on the LSR, provisioining issues such as conditioning, facility problems,							•	
cable & pair, and typing problems handled by the center								
Error on Service Order (ESOI)	5	0.600	0.700			2.10	\$39.16	
						25.22		
otal - INTERCONNECT SERVICE CENTER						25.90		,
IGN SERVICE CENTER - DESIGN								
.042 probability average number per trunk order								
.042 based on average of 24 members								
per group (1/24)								
.05, .95, .20, .80 = % of manual probability								
.U3932UOU = % UI IIIAIIUAI DI UDADIIIIV								
.70 probability reflects 30% reduction to work time estimates ordered								

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Study Name: PART D FINAL ORDER NRC STUDY 7246 B Study Year: 2001

Analyst: Deffley/Eoriatti
Product Group: Interconnection

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	В	C	D	E	F	G	Н	I
						B * (C Thru F)		H * (G/60)
NEW UNE-P DSS BASIC TRUNKS - IN-ONLY TRUNK INSTALL - MANUAL (con't)								
Validate DRI (Design Related Information) & WA (Work Authorization)	10	0.042	0.050	0.700		0.01	\$44.31	\$0.01
Validate DRI (Design Related Information) & WA (Work Authorization)	4	0.042	0.950	0.700		0.11	\$44.31	\$0.08
Build/Verify CD (Circuit Detail)	15	0.042	0.200	0.700		0.09	\$44.31	\$0.07
Build/Verify CD (Circuit Detail)	3	0.042	0.800	0.700		0.07	\$44.31	\$0.05
Distribute Documents	2	0.042	1.000	0.700		0.06	\$44.31	\$0.04
TAS	15	0.042	1.000	0.700		0.44	\$44.31	\$0.33
Subtotal - DESIGN SERVICE CENTER - DESIGN						1.08		\$0.80
-DESIGN SERVICE CENTER - IMPLEMENTOR .042 probability average number per trunk order .042 based on average of 24 members per group (1/24) .70 probability reflects 30% reduction to work time estimates ordered Screen WFA (Work Force Administration) for circuit Verify LNO (Local Network Operation) completion Notify customer Complete circuit in WFA/C (Work Force Administration - Control Module)	5 5 5 10	0.042 0.042 0.042 0.042	0.700 0.700 0.700 0.700			0.15 0.15 0.15 0.29	\$43.81 \$43.81 \$43.81 \$43.81	\$0.11 \$0.11 \$0.11 \$0.21
						0.14		ψ0.04
-COMPLEX TRANSLATIONS								
.70 probability reflects 30% reduction to work time estimates ordered Administrative	40	0.700				7.00	Ф44 4E	64.04
Administrative Maintenance	10 10	0.700 0.700				7.00 7.00	\$41.45 \$41.45	\$4.84 \$4.84
wantenance	10	0.700				7.00	ф41.45	\$4.84
Subtotal - COMPLEX TRANSLATIONS						14.00		\$9.67
Total For Service:						41.71		\$27.91

Qwest Advice No. 3376T Page 571 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	
						B * (C Thru F)		H * (G/60)

NEW UNE-P DSS BASIC TRUNKS - IN-ONLY TRUNK INSTALL - MANUAL (con't)

9182 Direct Cost			\$27.91
9183			
9184	Cost	Cost	_
9185	Calculation	Factor	Cost
9186	ВС	D	E
9187 Directly Assigned			
9188 Product Management Expense	D9188*E9182	0.040393	\$1.13
9189 Sales Expense	D9189*E9182	0.014960	\$0.42
9190 Product Advertising Expense	D9190*E9182	0.000000	\$0.00
9191 Business Fees (Other Operating Taxes)	D9191*Sum(E9182:E9190)	0.042595	<u>\$1.25</u>
9192 Directly Assigned Costs	Sum(E9182:E9191)		\$2.80
9193			
9194 Total Direct Costs	E9182+E9192		\$30.71
9195			
9196 Directly Attributed			
9197 Network Operations	D9197*E9194	0.056129	\$1.72
9198 Network Support Assets	D9198*E9194	0.014074	\$0.43
9199 General Support Assets	D9199*E9194	0.057904	\$1.78
9200 General Purpose Computers	D9200*E9194	0.040926	\$1.26
9201 Uncollectible	D9201*E9194	0.001136	\$0.03
9202 Accounting & Finance Expense	D9202*E9194	0.010471	\$0.32
9203 Human Resources Expense	D9203*E9194	0.009808	\$0.30
9204 Information Management Expense	D9204*E9194	0.068149	\$2.09
9205 Intangibles	D9205*E9194	0.002634	\$0.08
9206 Directly Attributed Costs	Sum(E9197:E9205)		\$8.02
9207			400 70
9208 TELRIC	E9197+E9206		\$38.73
9209 9210 Common			
	D0044*F0000	0.000050	CO 04
9211 Executive Expense	D9211*E9208 D9212*E9208	0.008052	\$0.31
9212 Planning Expense		0.000682	\$0.03
9213 External Relations Expense	D9213*E9208	0.009631	\$0.37
9214 Legal Expense	D9214*E9208	0.007338	\$0.28
9215 Other Procurement Expense	D9215*E9208	0.002772	\$0.11
9216 Research & Development Expense	D9216*E9208 D9217*E9208	0.000042	\$0.00
9217 Other General and Admin Expense		0.019104	\$0.74
9218 Common Costs 9219	Sum(E9211:E9217)		\$1.84
	E0200 - E0240		¢40 F0
9220 TELRIC + Common Costs	E9208+E9218		\$40.58

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Study Name: PART D FINAL ORDER NRC STUDY 7246 B Study Year: 2001

Analyst: Deffley/Eoriatti
Product Group: Interconnection

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	В	С	D	E	F	G B * (C Thru F)	Н	I H * (G/60)
NEW UNE-P DSS BASIC TRUNKS - IN-ONLY TRUNK DISCONNECT - MECHANIZED								
DISCONNECT								
INTERCONNECT SERVICE CENTER								
Time estimate(s) ordered by commission staff. Process order	6	1.000				6.00	\$40.03	\$4.0
		1.000					Ψ10.00	•
Subtotal - INTERCONNECT SERVICE CENTER						6.00		\$4.0
-DESIGN SERVICE CENTER - DESIGN								
.042 based on average of 24 members per group (1/24)								
.05, .95 = % of manual probability								
.70 probability reflects 30% reduction to work time estimates ordered	40	0.040	4 000			2.22	04404	
Order handling/screening PCList Trunks	10 2	0.042 0.042	1.000 1.000	0.700 0.700		0.29 0.06	\$44.31 \$44.31	\$0.2 \$0.0
Build/validate Work Authorization	5	0.042	0.050	0.700		0.00	\$44.31	\$0.0 \$0.0
Build/validate Work Authorization	2	0.042	0.950	0.700		0.06	\$44.31	\$0.0
Build/Verify CD (Circuit Detail)	10	0.042	0.050	0.700		0.01	\$44.31	\$0.0
Build/Verify CD (Circuit Detail)	2	0.042	0.950	0.700		0.06	\$44.31	\$0.0
Distribute Documents	2	0.042	1.000	0.700		0.06	\$44.31	\$0.0
Subtotal - DESIGN SERVICE CENTER - DESIGN						0.55		\$0.4
DESIGN SERVICE CENTER - IMPLEMENTOR								
.042 based on average of 24 members								
per group (1/24)								
.70 probability reflects 30% reduction to work time estimates ordered Screen WFA (Work Force Administration) for circuit	40	0.042	0.700			0.29	\$43.81	\$0.2
Verify LNO (Local Network Operation) completion	10 10	0.042	0.700			0.29	\$43.81 \$43.81	\$0.2 \$0.2
Test Circuit	25	0.042	0.700			0.29	\$43.81	\$0.2 \$0.5
Contact Customer	5	0.042	0.700			0.15	\$43.81	\$0.1
Complete circuit in WFA/C (Work Force Administration - Control Module)	10	0.042	0.700			0.29	\$43.81	\$0.2
Subtotal - DESIGN SERVICE CENTER - IMPLEMENTOR						1.76		\$1.2
Fotal For Service:						8.31		\$5.6
Total For Gervice.						0.01		Ψ3.03

Qwest Advice No. 3376T Page 573 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G	Н	
						B * (C Thru F)		H * (G/60)

NEW UNE-P DSS BASIC TRUNKS - IN-ONLY TRUNK DISCONNECT - MECHANIZED (con't)

9272 Direct Cost			\$5.69
9273			
9274	Cost	Cost	
9275	Calculation	Factor	Cost
9276	ВС	D	E
9277 Directly Assigned	<u> </u>		
9278 Product Management Expense	D9278*E9272	0.040393	\$0.23
9279 Sales Expense	D9279*E9272	0.014960	\$0.09
9280 Product Advertising Expense	D9280*E9272	0.000000	\$0.00
9281 Business Fees (Other Operating Taxes)	D9281*Sum(E9272:E9280)	0.042595	\$0.26
9282 Directly Assigned Costs	Sum(E9272:E9281)		\$0.57
9283			,
9284 Total Direct Costs	E9272+E9282		\$6.26
9285			-
9286 Directly Attributed			
9287 Network Operations	D9287*E9284	0.056129	\$0.35
9288 Network Support Assets	D9288*E9284	0.014074	\$0.09
9289 General Support Assets	D9289*E9284	0.057904	\$0.36
9290 General Purpose Computers	D9290*E9284	0.040926	\$0.26
9291 Uncollectible	D9291*E9284	0.001136	\$0.01
9292 Accounting & Finance Expense	D9292*E9284	0.010471	\$0.07
9293 Human Resources Expense	D9293*E9284	0.009808	\$0.06
9294 Information Management Expense	D9294*E9284	0.068149	\$0.43
9295 Intangibles	D9295*E9284	0.002634	\$0.02
9296 Directly Attributed Costs	Sum(E9287:E9295)		\$1.64
9297			
9298 TELRIC	E9287+E9296		\$7.90
9299			
9300 Common			
9301 Executive Expense	D9301*E9298	0.008052	\$0.06
9302 Planning Expense	D9302*E9298	0.000682	\$0.01
9303 External Relations Expense	D9303*E9298	0.009631	\$0.08
9304 Legal Expense	D9304*E9298	0.007338	\$0.06
9305 Other Procurement Expense	D9305*E9298	0.002772	\$0.02
9306 Research & Development Expense	D9306*E9298	0.000042	\$0.00
9307 Other General and Admin Expense	D9307*E9298	0.019104	\$0.15
9308 Common Costs	Sum(E9301:E9307)		\$0.38
9309			
9310 TELRIC + Common Costs	E9298+E9308		\$8.28

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Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G	Н	
						B * (C Thru F)		H * (G/60)

NEW UNE-P DSS BASIC TRUNKS - IN-ONLY TRUNK DISCONNECT - MANUAL

NO MANUAL ISC TIMES PREVIOUSLY FILED IN THIS DOCKET, THEREFORE, CURRENT QWEST ISC TIMES APPLIED.						
.70 probability reflects 30% reduction to work time estimates ordered						
Reviews LSR for completeness and accuracy, validate circuit/trunks belongs to the						
co-provider						
Receive LSR	3	1.000	0.700	2.10	\$39.16	
Verifies existing account (access CSR in BOSS/CARS) and obtains closing bill address	Ü	1.000	0.700	2.10	φοσ. το	
if applicable						
Verify existing account	2	1.000	0.700	1.40	\$39.16	
Type, review and submit to customer the Firm Order Confirmation (FOC)					·	
Review FOC	2	1.000	0.700	1.40	\$39.16	
Input disconnect order into the service order processor (manually typing and						
formatting of all order for billing and provisioning)						
Issue service order	10	1.000	0.700	7.00	\$39.16	
Customer Request Management (CRM)	3	1.000	0.700	2.10	\$39.16	
Ensure order is successfully distributed to the systems and is ready for provisioning						
Service order Analysis & Control (SOAC)	3	1.000	0.700	2.10	\$39.16	
al - INTERCONNECT SERVICE CENTER				16.10		

0.55		\$0.40
0.06	\$44.31	\$0.04
0.06	\$44.31	\$0.04
0.01	\$44.31	\$0.01
0.06	\$44.31	\$0.04
0.01	\$44.31	\$0.01
0.06	\$44.31	\$0.04
0.29	\$44.31	\$0.22

-DESIGN SERVICE CENTER - IMPLEMENTOR

.042 based on average of 24 members

per group (1/24) .70 probability reflects 30% reduction to work time estimates ordered

Qwest Advice No. 3376T Page 575 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti
Product Group: Interconnection

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	В	С	D	Е	F	G B * (C Thru F)	Н	I H * (G/60)
NEW UNE-P DSS BASIC TRUNKS - IN-ONLY TRUNK DISCONNECT - MANUAL (con't)								
Screen WFA (Work Force Administration) for circuit	10	0.042	0.700			0.29	\$43.81	\$0.21
Verify LNO (Local Network Operation) completion	10	0.042	0.700			0.29	\$43.81	\$0.21
Test Circuit	25	0.042	0.700			0.74	\$43.81	\$0.54
Contact Customer	5	0.042	0.700			0.15	\$43.81	\$0.11
Complete circuit in WFA/C (Work Force Administration - Control Module)	10	0.042	0.700			0.29	\$43.81	\$0.21
Subtotal - DESIGN SERVICE CENTER - IMPLEMENTOR						1.76		\$1.29
Total For Service:						18.41		\$12.20

Qwest Advice No. 3376T Page 576 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G	Н	
						B * (C Thru F)		H * (G/60)

NEW UNE-P DSS BASIC TRUNKS - IN-ONLY TRUNK DISCONNECT - MANUAL (con't)

9407 Direct Cost			\$12.20
9408	<u> </u>		
9409	Cost	Cost	
9410	Calculation	Factor	Cost
9411	ВС	D	E
9412 Directly Assigned			
9413 Product Management Expense	D9413*E9407	0.040393	\$0.49
9414 Sales Expense	D9414*E9407	0.014960	\$0.18
9415 Product Advertising Expense	D9415*E9407	0.000000	\$0.00
9416 Business Fees (Other Operating Taxes)	D9416*Sum(E9407:E9415)	0.042595	<u>\$0.55</u>
9417 Directly Assigned Costs	Sum(E9407:E9416)		\$1.22
9418 9419 Total Direct Costs	E9407+E9417		\$13.42
9420	L340/ +L341/		ψ13.42
9421 Directly Attributed			
9422 Network Operations	D9422*E9419	0.056129	\$0.75
9423 Network Support Assets	D9423*E9419	0.014074	\$0.19
9424 General Support Assets	D9424*E9419	0.057904	\$0.78
9425 General Purpose Computers	D9425*E9419	0.040926	\$0.55
9426 Uncollectible	D9426*E9419	0.001136	\$0.02
9427 Accounting & Finance Expense	D9427*E9419	0.010471	\$0.14
9428 Human Resources Expense	D9428*E9419	0.009808	\$0.13
9429 Information Management Expense	D9429*E9419	0.068149	\$0.91
9430 Intangibles	D9430*E9419	0.002634	\$0.04
9431 Directly Attributed Costs	Sum(E9422:E9430)		\$3.51
9432			
9433 TELRIC	E9422+E9431		\$16.93
9434 9435 Common			
9436 Executive Expense	D9436*E9433	0.008052	\$0.14
9437 Planning Expense	D9437*E9433	0.000682	\$0.01
9438 External Relations Expense	D9438*E9433	0.009631	\$0.16
9439 Legal Expense	D9439*E9433	0.007338	\$0.12
9440 Other Procurement Expense	D9440*E9433	0.002772	\$0.05
9441 Research & Development Expense	D9441*E9433	0.000042	\$0.00
9442 Other General and Admin Expense	D9442*E9433	0.019104	\$0.32
9443 Common Costs	Sum(E9436:E9442)		\$0.81
9444	· ,		
9445 TELRIC + Common Costs	E9433+E9443		\$17.73
	·		

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Study Name: PART D FINAL ORDER NRC STUDY 7246 B Study Year: 2001

Analyst: Deffley/Eoriatti
Product Group: Interconnection

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	В	С	D	Е	F	G B * (C Thru F)	Н	I H * (G/60)
NEW UNE-P BASIC TRUNKS - OUT-ONLY TRUNK INSTALL - MECHANIZED								
ADD								
-INTERCONNECT SERVICE CENTER Time estimate(s) ordered by commission staff. Process order	6	1.000				6.00	\$40.03	\$4.00
Subtotal - INTERCONNECT SERVICE CENTER						6.00		\$4.00
-DESIGN SERVICE CENTER - DESIGN PROB #1 = average number per trunk order .042 based on average of 24 members per group (1/24) .05, .95, .20, .80 = % of manual probability .70 probability reflects 30% reduction to work time estimates ordered Order handling/screening Validate DRI (Design Related Information) & WA (Work Authorization) Validate DRI (Design Related Information) & WA (Work Authorization) Build/Verify CD (Circuit Detail) Build/Verify CD (Circuit Detail) Distribute Documents TAS	10 10 4 15 3 2 15	0.042 0.042 0.042 0.042 0.042 0.042 0.042	1.000 0.050 0.950 0.200 0.800 1.000	0.700 0.700 0.700 0.700 0.700 0.700 0.700		0.29 0.01 0.11 0.09 0.07 0.06 0.44	\$44.31 \$44.31 \$44.31 \$44.31 \$44.31 \$44.31	\$0.22 \$0.01 \$0.08 \$0.07 \$0.05 \$0.04 \$0.33
Subtotal - DESIGN SERVICE CENTER - DESIGN						1.08		\$0.80
-DESIGN SERVICE CENTER - IMPLEMENTOR PROB #1 = average number per trunk order .042 based on average of 24 members per group (1/24) .70 probability reflects 30% reduction to work time estimates ordered Screen WFA (Work Force Administration) for circuit Verify LNO (Local Network Operation) completion Notify customer Complete circuit in WFA/C (Work Force Administration - Control Module)	5 5 5 10	0.042 0.042 0.042 0.042	0.700 0.700 0.700 0.700			0.15 0.15 0.15 0.29	\$43.81 \$43.81 \$43.81 \$43.81	\$0.11 \$0.11 \$0.11 \$0.21
Subtotal - DESIGN SERVICE CENTER - IMPLEMENTOR						0.74		\$0.54
-COMPLEX TRANSLATIONS .70 probability reflects 30% reduction to work time estimates ordered work is required Administrative Maintenance	10 10	0.700 0.700				7.00 7.00	\$41.45 \$41.45	\$4.84 \$4.84

Qwest Advice No. 3376T Page 578 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	
						B * (C Thru F)		H * (G/60)

NEW UNE-P BASIC TRUNKS - OUT-ONLY TRUNK INSTALL - MECHANIZED (con't)

Subtotal - COMPLEX TRANSLATIONS	14.00	\$9.67
Total For Service:	21.81	\$15.01

Qwest Advice No. 3376T Page 579 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G	Н	
						B * (C Thru F)		H * (G/60)

NEW UNE-P BASIC TRUNKS - OUT-ONLY TRUNK INSTALL - MECHANIZED (con't)

9544	Cost	Cost	
9545	Calculation	Factor	Cost
9546	ВС	D	Е
9547 Directly Assigned			
9548 Product Management Expense	D9548*E9542	0.040393	\$0.6
9549 Sales Expense	D9549*E9542	0.014960	\$0.2
9550 Product Advertising Expense	D9550*E9542	0.000000	\$0.0
9551 Business Fees (Other Operating Taxes)	D9551*Sum(E9542:E9550)	0.042595	\$0.6
9552 Directly Assigned Costs	Sum(E9542:E9551)		\$1.5
9553			
9554 Total Direct Costs	E9542+E9552		\$16.5
9555			
9556 Directly Attributed			
9557 Network Operations	D9557*E9554	0.056129	\$0.9
9558 Network Support Assets	D9558*E9554	0.014074	\$0.2
9559 General Support Assets	D9559*E9554	0.057904	\$0.9
9560 General Purpose Computers	D9560*E9554	0.040926	\$0.6
9561 Uncollectible	D9561*E9554	0.001136	\$0.0
9562 Accounting & Finance Expense	D9562*E9554	0.010471	\$0.1
9563 Human Resources Expense	D9563*E9554	0.009808	\$0.1
9564 Information Management Expense	D9564*E9554	0.068149	\$1.
9565 Intangibles	D9565*E9554	0.002634	\$0.0
9566 Directly Attributed Costs	Sum(E9557:E9565)		\$4.3
9567 [*] 9568 TELRIC	E9557+E9566		\$20.8
9569			
9570 Common			
9571 Executive Expense	D9571*E9568	0.008052	\$0.7
9572 Planning Expense	D9572*E9568	0.000682	\$0.0
9573 External Relations Expense	D9573*E9568	0.009631	\$0.2
9574 Legal Expense	D9574*E9568	0.007338	\$0.7
9575 Other Procurement Expense	D9575*E9568	0.002772	\$0.0
9576 Research & Development Expense	D9576*E9568	0.000042	\$0.0
9577 Other General and Admin Expense	D9577*E9568	0.019104	\$0.
9578 Common Costs			\$0.9

Time

Prob

Prob

Prob

Prob

Applied Time

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Labor

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

Work Item Mi	inutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G D + (O FI E)	Н	
						B * (C Thru F)		H * (G/60)
UNE-P BASIC TRUNKS - OUT-ONLY TRUNK INSTALL - MANUAL								
<u>*</u>								
ERCONNECT SERVICE CENTER								
NO MANUAL ISC TIMES PREVIOUSLY FILED IN THIS DOCKET, THEREFORE, CURRENT QWEST ISC TIMES APPLIED.								
.70 probability reflects 30% reduction to work time estimates ordered								
Column 2 = occurrence								
Reviews LSR for completeness and accuracy, contractual entries (analyze request								
to determine co-provider, type of order and installation option)								
Receive and screen LSR	5	1.000	0.700			3.50	\$39.16	:
Verifies CFA or facility/circuit availability							•	
Verify CFA	4	1.000	0.700			2.80	\$39.16	
Exchange Info-Obtain Central Office, name, address and office type, Access								
Telephone Address Guide to obtain the central office address and validate end user								
address								
Obtain Central Office info	1	1.000	0.700			0.70	\$39.16	
CPPD-lookup billing USOCs for co-provider	2	1.000	0.700			1.40	\$39.16	
Summary Bill List look up BTN#, tax code and bill date								
Summary bill look up	2	1.000	0.700			1.40	\$39.16	
Determine Critical Dates	1	1.000	0.700			0.70	\$39.16	
Type, review and submit to customer the Firm Order Confirmation (FOC)								
Review FOC	3	1.000	0.700			2.10	\$39.16	
Input order into service order processor (manually typing and formatting of all order								
for billing and provisioning)								
Issue service order	10	1.000	0.700			7.00	\$39.16	
Ensure order is successfully distributed to the systems and is ready for provisioning								
Service order Analysis & Control (SOAC)	3	1.000	0.700			2.10	\$39.16	
Includes handling calls from other departments working the order								
Call Handling	5	0.600	0.700			2.10	\$39.16	
Handling of problems on the LSR, provisioining issues such as conditioning, facility problems,	•							
cable & pair, and typing problems handled by the center	_	0.000	0.700			2.42	000.40	
Error on Service Order (ESOI)	5	0.600	0.700			2.10	\$39.16	
otal - INTERCONNECT SERVICE CENTER						25.90		\$
NON OFFICIAL DECION								
SIGN SERVICE CENTER - DESIGN								
.042 based on average of 24 members								
per group (1/24)								
.05, .20, .80 = % of manual probability								
.70 probability reflects 30% reduction to work time estimates ordered	10	0.042	1.000	0.700		0.00	¢44.24	
Order handling/screening	10	0.042	1.000	0.700		0.29	\$44.31	Ş
Validate DRI (Design Related Information) & WA (Work Authorization)	10	0.042	0.050	0.700		0.01	\$44.31	;

Qwest Advice No. 3376T Page 581 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti
Product Group: Interconnection

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	В	C	D	Ē	F	G B * (C Thru F)	H	I H * (G/60)
NEW UNE-P BASIC TRUNKS - OUT-ONLY TRUNK INSTALL - MANUAL (con't)								
Validate DRI (Design Related Information) & WA (Work Authorization)	4	0.042	0.950	0.700		0.11	\$44.31	\$0.08
Build/Verify CD (Circuit Detail)	15	0.042	0.200	0.700		0.09	\$44.31	\$0.07
Build/Verify CD (Circuit Detail)	3	0.042	0.800	0.700		0.07	\$44.31	\$0.05
Distribute Documents	2	0.042	1.000	0.700		0.06	\$44.31	\$0.04
TAS	15	0.042	1.000	0.700		0.44	\$44.31	\$0.33
Subtotal - DESIGN SERVICE CENTER - DESIGN						1.08		\$0.80
-DESIGN SERVICE CENTER - IMPLEMENTOR .042 based on average of 24 members per group (1/24) .70 probability reflects 30% reduction to work time estimates ordered Screen WFA (Work Force Administration) for circuit Verify LNO (Local Network Operation) completion Notify customer Complete circuit in WFA/C (Work Force Administration - Control Module)	5 5 5 10	0.042 0.042 0.042 0.042	0.700 0.700 0.700 0.700			0.15 0.15 0.15 0.29	\$43.81 \$43.81 \$43.81 \$43.81	\$0.11 \$0.11 \$0.11 \$0.21
Subtotal - DESIGN SERVICE CENTER - IMPLEMENTOR						0.74		\$0.54
-COMPLEX TRANSLATIONS .70 probability reflects 30% reduction to work time estimates ordered work is required								
Administrative	10	0.700				7.00	\$41.45	\$4.84
Maintenance	10	0.700				7.00	\$41.45	\$4.84
Subtotal - COMPLEX TRANSLATIONS						14.00		\$9.67
Total For Service:						41.71		\$27.91

Qwest Advice No. 3376T Page 582 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	[
						B * (C Thru F)		H * (G/60)

NEW UNE-P BASIC TRUNKS - OUT-ONLY TRUNK INSTALL - MANUAL (con't)

9677 Direct Cost			\$27.91
9678			
9679	Cost	Cost	
9680	Calculation	Factor	Cost
9681	ВС	D	E
9682 Directly Assigned			
9683 Product Management Expense	D9683*E9677	0.040393	\$1.13
9684 Sales Expense	D9684*E9677	0.014960	\$0.42
9685 Product Advertising Expense	D9685*E9677	0.000000	\$0.00
9686 Business Fees (Other Operating Taxes)	D9686*Sum(E9677:E9685)	0.042595	<u>\$1.25</u>
9687 Directly Assigned Costs	Sum(E9677:E9686)		\$2.80
9688	F0077 F0007		#00.74
9689 Total Direct Costs	E9677+E9687		\$30.71
9690 9691 Directly Attributed			
9692 Network Operations	D9692*E9689	0.056129	\$1.72
9693 Network Support Assets	D9693*E9689	0.014074	\$0.43
9694 General Support Assets	D9694*E9689	0.057904	\$1.78
9695 General Purpose Computers	D9695*E9689	0.040926	\$1.26
9696 Uncollectible	D9696*E9689	0.001136	\$0.03
9697 Accounting & Finance Expense	D9697*E9689	0.010471	\$0.32
9698 Human Resources Expense	D9698*E9689	0.009808	\$0.30
9699 Information Management Expense	D9699*E9689	0.068149	\$2.09
9700 Intangibles	D9700*E9689	0.002634	\$0.08
9701 Directly Attributed Costs	Sum(E9692:E9700)		\$8.02
9702	, ,		
9703 TELRIC	E9692+E9701		\$38.73
9704			
9705 Common			••••
9706 Executive Expense	D9706*E9703	0.008052	\$0.31
9707 Planning Expense	D9707*E9703	0.000682	\$0.03
9708 External Relations Expense	D9708*E9703	0.009631	\$0.37
9709 Legal Expense	D9709*E9703	0.007338	\$0.28
9710 Other Procurement Expense	D9710*E9703	0.002772	\$0.11
9711 Research & Development Expense	D9711*E9703	0.000042	\$0.00
9712 Other General and Admin Expense	D9712*E9703	0.019104	\$0.74
9713 Common Costs 9714	Sum(E9706:E9712)		\$1.84
9714 9715 TELRIC + Common Costs	E9703+E9713		\$40.58
or to Teerdo I Common Costs	LUIUUTLUIIU		Ψ+0.00

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Study Name: PART D FINAL ORDER NRC STUDY 7246 B Study Year: 2001

Analyst: Deffley/Eoriatti
Product Group: Interconnection

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G B * (C Thru F)	Н	I H * (G/60)
W UNE-P BASIC TRUNKS - OUT-ONLY TRUNK DISCONNECT - MECHANIZED								
SCONNECT*								
FERCONNECT SERVICE CENTER								
Time estimate(s) ordered by commission staff. Process order	6	1.000				6.00	\$40.03	\$4.0
Process order	O	1.000				0.00	φ40.03	Φ4.0
total - INTERCONNECT SERVICE CENTER						6.00		\$4.
SIGN SERVICE CENTER - DESIGN								
.042 based on average of 24 members								
per group (1/24)								
.05, .95 = % of manual probability .70 probability reflects 30% reduction to work time estimates ordered								
Order handling/screening	10	0.042	1.000	0.700		0.29	\$44.31	\$0
PCList Trunks	2	0.042	1.000	0.700		0.06	\$44.31	\$0.
Build/validate Work Authorization	5	0.042	0.050	0.700		0.01	\$44.31	\$0.
Build/validate Work Authorization	2	0.042	0.950	0.700		0.06	\$44.31	\$0
Build/Verify CD (Circuit Detail) Build/Verify CD (Circuit Detail)	10 2	0.042 0.042	0.050 0.950	0.700 0.700		0.01 0.06	\$44.31 \$44.31	\$0. \$0.
Distribute Documents	2	0.042	1.000	0.700		0.06	\$44.31	\$0.
total - DESIGN SERVICE CENTER - DESIGN						0.55	******	\$0.
otal - Design Service Center - Design						0.55		\$0. 4
SIGN SERVICE CENTER - IMPLEMENTOR								
.042 based on average of 24 members								
per group (1/24) .70 probability reflects 30% reduction to work time estimates ordered								
Screen WFA (Work Force Administration) for circuit	10	0.042	0.700			0.29	\$43.81	\$0.
Verify LNO (Local Network Operation) completion	10	0.042	0.700			0.29	\$43.81	\$0
Test Circuit `	25	0.042	0.700			0.74	\$43.81	\$0.
Contact Customer	5	0.042	0.700			0.15	\$43.81	\$0.
Complete circuit in WFA/C (Work Force Administration - Control Module)	10	0.042	0.700			0.29	\$43.81	\$0.2
otal - DESIGN SERVICE CENTER - IMPLEMENTOR						1.76		\$1.2
I For Service:						8.31		\$5.6
a rot dervice.						0.51		φυ.(

Qwest Advice No. 3376T Page 584 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	
						B * (C Thru F)		H * (G/60)

NEW UNE-P BASIC TRUNKS - OUT-ONLY TRUNK DISCONNECT - MECHANIZED (con't)

9767 Direct Cost			\$5.69
9768			
9769	Cost	Cost	
9770	Calculation	Factor	Cost
9771	ВС	D	E
9772 Directly Assigned	·		
9773 Product Management Expense	D9773*E9767	0.040393	\$0.23
9774 Sales Expense	D9774*E9767	0.014960	\$0.09
9775 Product Advertising Expense	D9775*E9767	0.000000	\$0.00
9776 Business Fees (Other Operating Taxes)	D9776*Sum(E9767:E9775)	0.042595	\$0.26
9777 Directly Assigned Costs	Sum(E9767:E9776)		\$0.57
9778			•
9779 Total Direct Costs	E9767+E9777		\$6.26
9780			•
9781 Directly Attributed			
9782 Network Operations	D9782*E9779	0.056129	\$0.35
9783 Network Support Assets	D9783*E9779	0.014074	\$0.09
9784 General Support Assets	D9784*E9779	0.057904	\$0.36
9785 General Purpose Computers	D9785*E9779	0.040926	\$0.26
9786 Uncollectible	D9786*E9779	0.001136	\$0.01
9787 Accounting & Finance Expense	D9787*E9779	0.010471	\$0.07
9788 Human Resources Expense	D9788*E9779	0.009808	\$0.06
9789 Information Management Expense	D9789*E9779	0.068149	\$0.43
9790 Intangibles	D9790*E9779	0.002634	\$0.02
9791 Directly Attributed Costs	Sum(E9782:E9790)		\$1.64
9792			•
9793 TELRIC	E9782+E9791		\$7.90
9794			
9795 Common			
9796 Executive Expense	D9796*E9793	0.008052	\$0.06
9797 Planning Expense	D9797*E9793	0.000682	\$0.01
9798 External Relations Expense	D9798*E9793	0.009631	\$0.08
9799 Legal Expense	D9799*E9793	0.007338	\$0.06
9800 Other Procurement Expense	D9800*E9793	0.002772	\$0.02
9801 Research & Development Expense	D9801*E9793	0.000042	\$0.00
9802 Other General and Admin Expense	D9802*E9793	0.019104	\$0.15
9803 Common Costs	Sum(E9796:E9802)		\$0.38
9804		<u> </u>	
9805 TELRIC + Common Costs	E9793+E9803		\$8.28

Qwest Advice No. 3376T Page 585 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G B * (C Thru F)	Н	
						B = (C Thru F)		H * (G/60)
EW UNE-P BASIC TRUNKS - OUT-ONLY TRUNK DISCONNECT - MANUAL								
ISCONNECT*								
ITERCONNECT SERVICE CENTER								
NO MANUAL ISC TIMES PREVIOUSLY FILED IN THIS DOCKET, THEREFORE,								
CURRENT QWEST ISC TIMES APPLIED.								
.70 probability reflects 30% reduction to work time estimates ordered								
Reviews LSR for completeness and accuracy, validate circuit/trunks belongs to the								
co-provider Receive LSR	3	1.000	0.700			2.10	\$39.16	\$1.
Verifies existing account (access CSR in BOSS/CARS) and obtains closing bill address	3	1.000	0.700			2.10	\$39.10	φı
if applicable								
Verify existing account	2	1.000	0.700			1.40	\$39.16	\$0.
Type, review and submit to customer the Firm Order Confirmation (FOC)	2	1.000	0.700			1.40	Ф 39.10	ΦΟ
Review FOC	2	1.000	0.700			1.40	\$39.16	\$0
Input disconnect order into the service order processor (manually typing and	2	1.000	0.700			1.40	ψ59.10	ΨΟ
formatting of all order for billing and provisioning)								
Issue service order	10	1.000	0.700			7.00	\$39.16	\$4
Customer Request Management (CRM)	3	1.000	0.700			2.10	\$39.16	\$1
Ensure order is successfully distributed to the systems and is ready for provisioning	· ·		000				φοσιισ	Ψ.
Service order Analysis & Control (SOAC)	3	1.000	0.700			2.10	\$39.16	\$1.
(******	•
total - INTERCONNECT SERVICE CENTER						16.10		\$10.
ESIGN SERVICE CENTER - DESIGN								
.70 probability reflects 30% reduction to work time estimates ordered								
.042 based on average of 24 members								
per group (1/24)								
.05, .95 = % of manual probability	40	0.040	4 000	0.700		2.22	01101	•
Order handling/screening	10	0.042	1.000	0.700		0.29	\$44.31	\$0
PCList Trunks	2	0.042	1.000	0.700		0.06	\$44.31	\$0
Build/validate Work Authorization	5	0.042	0.050	0.700 0.700		0.01	\$44.31 \$44.31	\$0
Build/validate Work Authorization	2	0.042	0.950			0.06		\$0
Build/Verify CD (Circuit Detail) Build/Verify CD (Circuit Detail)	10	0.042 0.042	0.050 0.950	0.700 0.700		0.01 0.06	\$44.31 \$44.31	\$0 \$0
Distribute Documents	2 2	0.042	1.000	0.700		0.06	\$44.31 \$44.31	\$0 \$0
DISTIDUTE DOCUMENTS	2	0.042	1.000	0.700		0.06	944.3 I	Φ0.
total - DESIGN SERVICE CENTER - DESIGN						0.55		\$0.4
Notal - DEGIGN GENTICE GENTER - DEGIGN						0.00		Ф О.

-DESIGN SERVICE CENTER - IMPLEMENTOR

.70 probability reflects 30% reduction to work time estimates ordered
.042 based on average of 24 members per group (1/24)

Qwest Advice No. 3376T Page 586 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti
Product Group: Interconnection

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	В	С	D	E	F	G B * (C Thru F)	Н	I H * (G/60)
NEW UNE-P BASIC TRUNKS - OUT-ONLY TRUNK DISCONNECT - MANUAL (con't)								
Screen WFA (Work Force Administration) for circuit	10	0.042	0.700			0.29	\$43.81	\$0.21
Verify LNO (Local Network Operation) completion	10	0.042	0.700			0.29	\$43.81	\$0.21
Test Circuit	25	0.042	0.700			0.74	\$43.81	\$0.54
Contact Customer	5	0.042	0.700			0.15	\$43.81	\$0.11
Complete circuit in WFA/C (Work Force Administration - Control Module)	10	0.042	0.700			0.29	\$43.81	\$0.21
Subtotal - DESIGN SERVICE CENTER - IMPLEMENTOR						1.76		\$1.29
Total For Service:						18.41		\$12.20

Qwest Advice No. 3376T Page 587 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	[
						B * (C Thru F)		H * (G/60)

NEW UNE-P BASIC TRUNKS - OUT-ONLY TRUNK DISCONNECT - MANUAL (con't)

9902 Direct Cost			\$12.2
9903			
9904	Cost	Cost	
9905	Calculation	Factor	Cost
9906	ВС	D	E
9907 Directly Assigned			
9908 Product Management Expense	D9908*E9902	0.040393	\$0.
9909 Sales Expense	D9909*E9902	0.014960	\$0.
9910 Product Advertising Expense	D9910*E9902	0.000000	\$0.
9911 Business Fees (Other Operating Taxes)	D9911*Sum(E9902:E9910)	0.042595	<u>\$0.</u>
9912 Directly Assigned Costs	Sum(E9902:E9911)		\$1.
9913			
9914 Total Direct Costs	E9902+E9912		\$13.
9915			
9916 Directly Attributed			
9917 Network Operations	D9917*E9914	0.056129	\$0.
9918 Network Support Assets	D9918*E9914	0.014074	\$0.
9919 General Support Assets	D9919*E9914	0.057904	\$0
9920 General Purpose Computers	D9920*E9914	0.040926	\$0.
9921 Uncollectible	D9921*E9914	0.001136	\$0.
9922 Accounting & Finance Expense	D9922*E9914	0.010471	\$0.
9923 Human Resources Expense	D9923*E9914	0.009808	\$0.
9924 Information Management Expense	D9924*E9914	0.068149	\$0.
9925 Intangibles	D9925*E9914	0.002634	\$0.
9926 Directly Attributed Costs	Sum(E9917:E9925)		\$3.
9927 9928 TELRIC	E9917+E9926		\$16.
9929	E3311+E3320		Ψ10.
9930 Common			
9931 Executive Expense	D9931*E9928	0.008052	\$0.
9932 Planning Expense	D9932*E9928	0.000682	\$0
9933 External Relations Expense	D9933*E9928	0.009631	\$0
9934 Legal Expense	D9934*E9928	0.007338	\$0
9935 Other Procurement Expense	D9935*E9928	0.002772	\$0.
9936 Research & Development Expense	D9936*E9928	0.000042	\$0.
9937 Other General and Admin Expense	D9937*E9928	0.019104	\$0
9938 Common Costs	Sum(E9931:E9937)		\$0
9939	(40
9940 TELRIC + Common Costs	E9928+E9938		\$17.

Qwest Advice No. 3376T Page 588 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B Study Year: 2001

Analyst: Deffley/Eoriatti
Product Group: Interconnection

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	В	С	D	E	F	G B * (C Thru F)	Н	I H * (G/60)
NEW UNE-P BASIC TRUNKS - TWO-WAY TRUNK INSTALL - MECHANIZED								
ADD								
-INTERCONNECT SERVICE CENTER Time estimate(s) ordered by commission staff. Process order	6	1.000				6.00	\$40.03	\$4.00
Subtotal - INTERCONNECT SERVICE CENTER						6.00		\$4.0
-DESIGN SERVICE CENTER - DESIGN .70 probability reflects 30% reduction to work time estimates ordered .042 based on average of 24 members per group (1/24) .05, .95, .20, .80 = % of manual probability Order handling/screening Validate DRI (Design Related Information) & WA (Work Authorization)	10 10	0.042 0.042	1.000 0.050	0.700 0.700		0.29 0.01	\$44.31 \$44.31	\$0.22 \$0.0
Validate DRI (Design Related Information) & WA (Work Authorization) Build/Verify CD (Circuit Detail) Build/Verify CD (Circuit Detail) Distribute Documents TAS	4 15 3 2 15	0.042 0.042 0.042 0.042 0.042	0.950 0.200 0.800 1.000 1.000	0.700 0.700 0.700 0.700 0.700		0.11 0.09 0.07 0.06 0.44	\$44.31 \$44.31 \$44.31 \$44.31 \$44.31	\$0.0 \$0.0 \$0.0 \$0.0 \$0.3
Subtotal - DESIGN SERVICE CENTER - DESIGN						1.08		\$0.8
DESIGN SERVICE CENTER - IMPLEMENTOR .70 probability reflects 30% reduction to work time estimates ordered .042 based on average of 24 members per group (1/24).								
Screen WFA (Work Force Administration) for circuit Verify LNO (Local Network Operation) completion Notify customer Complete circuit in WFA/C (Work Force Administration - Control Module)	5 5 5 10	0.042 0.042 0.042 0.042	0.700 0.700 0.700 0.700			0.15 0.15 0.15 0.29	\$43.81 \$43.81 \$43.81 \$43.81	\$0.11 \$0.11 \$0.11 \$0.21
Subtotal - DESIGN SERVICE CENTER - IMPLEMENTOR						0.74		\$0.54
-COMPLEX TRANSLATIONS .70 probability reflects 30% reduction to work time estimates ordered Administrative Maintenance	10 10	0.700 0.700				7.00 7.00	\$41.45 \$41.45	\$4.84 \$4.84
Subtotal - COMPLEX TRANSLATIONS						14.00		\$9.67
Total For Service:						21.81		\$15.01

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Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G	Н	
						B * (C Thru F)		H * (G/60)

NEW UNE-P BASIC TRUNKS - TWO-WAY TRUNK INSTALL - MECHANIZED (con't)

9993			\$15.01
9994	Cost	Cost	
9995		Factor	Cost
9996	B C	D	E
9997 Directly Assigned			
9998 Product Management Expense	D9998*E9992	0.040393	\$0.61
9999 Sales Expense	D9999*E9992	0.014960	\$0.22
10000 Product Advertising Expense	D10000*E9992	0.000000	\$0.00
10001 Business Fees (Other Operating Taxes)	D10001*Sum(E9992:E10000)	0.042595	\$0.67
10002 Directly Assigned Costs	Sum(E9992:E10001)		\$1.51
10003	,		
10004 Total Direct Costs	E9992+E10002		\$16.51
10005			
10006 Directly Attributed			
10007 Network Operations	D10007*E10004	0.056129	\$0.93
10008 Network Support Assets	D10008*E10004	0.014074	\$0.23
10009 General Support Assets	D10009*E10004	0.057904	\$0.9
10010 General Purpose Computers	D10010*E10004	0.040926	\$0.68
10011 Uncollectible	D10011*E10004	0.001136	\$0.02
10012 Accounting & Finance Expense	D10012*E10004	0.010471	\$0.17
10013 Human Resources Expense	D10013*E10004	0.009808	\$0.16
10014 Information Management Expense	D10014*E10004	0.068149	\$1.13
10015 Intangibles	D10015*E10004	0.002634	\$0.04
10016 Directly Attributed Costs	Sum(E10007:E10015)		\$4.3
10017			
10018 TELRIC	E10007+E10016		\$20.83
10019			
10020 Common			
10021 Executive Expense	D10021*E10018	0.008052	\$0.1
10022 Planning Expense	D10022*E10018	0.000682	\$0.0
10023 External Relations Expense	D10023*E10018	0.009631	\$0.20
10024 Legal Expense	D10024*E10018	0.007338	\$0.1
10025 Other Procurement Expense	D10025*E10018	0.002772	\$0.0
10026 Research & Development Expense	D10026*E10018	0.000042	\$0.0
10027 Other General and Admin Expense	D10027*E10018	0.019104	\$0.40
10028 Common Costs	Sum(E10021:E10027)		\$0.99
10029	=		001-
10030 TELRIC + Common Costs	E10018+E10028		\$21.82

Qwest Advice No. 3376T Page 590 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G	Н	
						D * (C Thr., F)		H * (C/C0)

B * (C Thru F) H * (G/60) NEW UNE-P BASIC TRUNKS - TWO-WAY TRUNK INSTALL - MANUAL *ADD* -INTERCONNECT SERVICE CENTER NO MANUAL ISC TIMES PREVIOUSLY FILED IN THIS DOCKET, THEREFORE, CURRENT QWEST ISC TIMES APPLIED. .70 probability reflects 30% reduction to work time estimates ordered Column 2 = occurrence Reviews LSR for completeness and accuracy, contractual entries (analyze request to determine co-provider, type of order and installation option) Receive and screen LSR 5 1.000 0.700 \$39.16 \$2.28 3.50 Verifies CFA or facility/circuit availability Verify CFA 4 1.000 0.700 2.80 \$39.16 \$1.83 Exchange Info-Obtain Central Office, name, address and office type, Access Telephone Address Guide to obtain the central office address and validate end user address Obtain Central Office info 1.000 0.700 0.70 \$39.16 \$0.46 CPPD-lookup billing USOCs for co-provider \$39.16 2 1.000 0.700 1.40 \$0.91 Summary Bill List look up BTN#, tax code and bill date Summary bill look up 2 1.000 0.700 1.40 \$39.16 \$0.91 **Determine Critical Dates** 1.000 0.700 0.70 \$39.16 \$0.46 Type, review and submit to customer the Firm Order Confirmation (FOC) 3 1.000 0.700 2.10 \$39.16 \$1.37 Input order into service order processor (manually typing and formatting of all order for billing and provisioning) Issue service order 10 1.000 0.700 7.00 \$39.16 \$4.57 Ensure order is successfully distributed to the systems and is ready for provisioning Service order Analysis & Control (SOAC) 3 1.000 0.700 2.10 \$39.16 \$1.37 Includes handling calls from other departments working the order 5 0.600 0.700 \$39.16 \$1.37 2.10 Handling of problems on the LSR, provisioining issues such as conditioning, facility problems, cable & pair, and typing problems handled by the center Error on Service Order (ESOI) 5 0.600 0.700 2.10 \$39.16 \$1.37 Subtotal - INTERCONNECT SERVICE CENTER 25.90 \$16.90 -DESIGN SERVICE CENTER - DESIGN .70 probability reflects 30% reduction to work time estimates ordered .042 based on average of 24 members per group (1/24) .05, .95, .20, .80 = % of manual probability

10

0.042

1.000

0.700

0.29

\$44.31

\$0.22

Order handling/screening

Qwest Advice No. 3376T Page 591 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti
Product Group: Interconnection

Work Item	Time Minutes	Prob #1	Prob	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
Work item A	- Wilnutes B	#1 C	#2 D	#3 F	#4 F	(winutes)	H	Cost
A	, and the second	Ü	D	-	•	B * (C Thru F)		H * (G/60)
NEW UNE-P BASIC TRUNKS - TWO-WAY TRUNK INSTALL - MANUAL (con't)								
Validate DRI (Design Related Information) & WA (Work Authorization)	10	0.042	0.050	0.700		0.01	\$44.31	\$0.01
Validate DRI (Design Related Information) & WA (Work Authorization)	4	0.042	0.950	0.700		0.11	\$44.31	\$0.08
Build/Verify CD (Circuit Detail)	15	0.042	0.200	0.700		0.09	\$44.31	\$0.07
Build/Verify CD (Circuit Detail)	3	0.042	0.800	0.700		0.07	\$44.31	\$0.05
Distribute Documents	2	0.042	1.000	0.700		0.06	\$44.31	\$0.04
TAS	15	0.042	1.000	0.700		0.44	\$44.31	\$0.33
Subtotal - DESIGN SERVICE CENTER - DESIGN						1.08		\$0.80
.70 probability reflects 30% reduction to work time estimates ordered .042 based on average of 24 members per group (1/24). Screen WFA (Work Force Administration) for circuit Verify LNO (Local Network Operation) completion Notify customer Complete circuit in WFA/C (Work Force Administration - Control Module) Subtotal - DESIGN SERVICE CENTER - IMPLEMENTOR	5 5 5 10	0.042 0.042 0.042 0.042	0.700 0.700 0.700 0.700			0.15 0.15 0.15 0.29	\$43.81 \$43.81 \$43.81 \$43.81	\$0.11 \$0.11 \$0.11 \$0.21
						OII 4		ψ0.0
-COMPLEX TRANSLATIONS .70 probability reflects 30% reduction to work time estimates ordered								
Administrative	10	0.700				7.00	\$41.45	\$4.84
Maintenance	10	0.700				7.00	\$41.45	\$4.84
Subtotal - COMPLEX TRANSLATIONS						14.00		\$9.67
Total For Service:						41.71		\$27.91

Qwest Advice No. 3376T Page 592 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	[
						B * (C Thru F)		H * (G/60)

NEW UNE-P BASIC TRUNKS - TWO-WAY TRUNK INSTALL - MANUAL (con't)

10127 Direct Cost			\$27.91
10128			
10129	Cost	Cost	
10130	Calculation	Factor	Cost
10131	ВС	D	E
10132 Directly Assigned			
10133 Product Management Expense	D10133*E10127	0.040393	\$1.13
10134 Sales Expense	D10134*E10127	0.014960	\$0.42
10135 Product Advertising Expense	D10135*E10127	0.000000	\$0.00
10136 Business Fees (Other Operating Taxes)	D10136*Sum(E10127:E10135)	0.042595	<u>\$1.25</u>
10137 Directly Assigned Costs	Sum(E10127:E10136)		\$2.80
10138			
10139 Total Direct Costs	E10127+E10137		\$30.71
10140			
10141 Directly Attributed			
10142 Network Operations	D10142*E10139	0.056129	\$1.72
10143 Network Support Assets	D10143*E10139	0.014074	\$0.43
10144 General Support Assets	D10144*E10139	0.057904	\$1.78
10145 General Purpose Computers	D10145*E10139	0.040926	\$1.26
10146 Uncollectible	D10146*E10139	0.001136	\$0.03
10147 Accounting & Finance Expense	D10147*E10139	0.010471	\$0.32
10148 Human Resources Expense	D10148*E10139	0.009808	\$0.30
10149 Information Management Expense	D10149*E10139	0.068149	\$2.09
10150 Intangibles	D10150*E10139	0.002634	\$0.08
10151 Directly Attributed Costs	Sum(E10142:E10150)		\$8.02
10152			
10153 TELRIC	E10142+E10151		\$38.73
10154			
10155 Common			
10156 Executive Expense	D10156*E10153	0.008052	\$0.31
10157 Planning Expense	D10157*E10153	0.000682	\$0.03
10158 External Relations Expense	D10158*E10153	0.009631	\$0.37
10159 Legal Expense	D10159*E10153	0.007338	\$0.28
10160 Other Procurement Expense	D10160*E10153	0.002772	\$0.11
10161 Research & Development Expense	D10161*E10153	0.000042	\$0.00
10162 Other General and Admin Expense	D10162*E10153	0.019104	\$0.74
10163 Common Costs	Sum(E10156:E10162)		\$1.84
10164			
10165 TELRIC + Common Costs	E10153+E10163		\$40.58

Qwest Advice No. 3376T Page 593 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B Study Year: 2001

Analyst: Deffley/Eoriatti
Product Group: Interconnection

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G B * (C Thru F)	Н	I H * (G/60)
						(,		()
V UNE-P BASIC TRUNKS - TWO-WAY TRUNK DISCONNECT - MECHANIZED								
SCONNECT*								
TERCONNECT SERVICE CENTER								
Time estimate(s) ordered by commission staff.		4 000					# 40.00	24
Process order	6	1.000				6.00	\$40.03	\$4.
ototal - INTERCONNECT SERVICE CENTER						6.00		\$4.
SIGN SERVICE CENTER - DESIGN								
.70 probability reflects 30% reduction to work time estimates ordered								
.042 based on average of 24 members								
per group (1/24)								
.05, .95 = % of manual probability Order handling/screening	10	0.042	1.000	0.700		0.29	\$44.31	\$0.
PCList Trunks	2	0.042	1.000	0.700		0.29	\$44.31	\$0.
Build/validate Work Authorization	5	0.042	0.050	0.700		0.00	\$44.31	\$0. \$0.
Build/validate Work Authorization	2	0.042	0.950	0.700		0.06	\$44.31	\$0.
Build/Verify CD (Circuit Detail)	10	0.042	0.050	0.700		0.01	\$44.31	\$0.
Build/Verify CD (Circuit Detail)	2	0.042	0.950	0.700		0.06	\$44.31	\$0.
Distribute Documents	2	0.042	1.000	0.700		0.06	\$44.31	\$0.
total - DESIGN SERVICE CENTER - DESIGN						0.55		\$0.4
SIGN SERVICE CENTER - IMPLEMENTOR								
.70 probability reflects 30% reduction to work time estimates ordered								
.042 based on average of 24 members								
per group (1/24).							_	
Screen WFA (Work Force Administration) for circuit	10	0.042	0.700			0.29	\$43.81	\$0.
Verify LNO (Local Network Operation) completion	10	0.042	0.700			0.29	\$43.81	\$0.
Test Circuit	25	0.042	0.700			0.74	\$43.81	\$0.
Contact Customer Complete circuit in WFA/C (Work Force Administration - Control Module)	5 10	0.042 0.042	0.700 0.700			0.15 0.29	\$43.81 \$43.81	\$0. \$0.
Complete circuit in WFA/C (Work Force Administration - Control Module)	10	0.042	0.700			0.29	Ф43.01	Φ0.
otal - DESIGN SERVICE CENTER - IMPLEMENTOR						1.76		\$1.
I For Service						8.31		\$5.6
tal For Service:						8.31		

Qwest Advice No. 3376T Page 594 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G	Н	
						B * (C Thru F)		H * (G/60)

NEW UNE-P BASIC TRUNKS - TWO-WAY TRUNK DISCONNECT - MECHANIZED (con't)

10217 Direct Cost			\$5.69
10218			
10219	Cost	Cost	
10220	Calculation	Factor	Cost
10221	ВС	D	E
10222 Directly Assigned			
10223 Product Management Expense	D10223*E10217	0.040393	\$0.23
10224 Sales Expense	D10224*E10217	0.014960	\$0.09
10225 Product Advertising Expense	D10225*E10217	0.000000	\$0.00
10226 Business Fees (Other Operating Taxes)	D10226*Sum(E10217:E10225)	0.042595	\$0.26
10227 Directly Assigned Costs	Sum(E10217:E10226)		\$0.57
10228			
10229 Total Direct Costs	E10217+E10227		\$6.26
10230			
10231 Directly Attributed			
10232 Network Operations	D10232*E10229	0.056129	\$0.35
10233 Network Support Assets	D10233*E10229	0.014074	\$0.09
10234 General Support Assets	D10234*E10229	0.057904	\$0.36
10235 General Purpose Computers	D10235*E10229	0.040926	\$0.26
10236 Uncollectible	D10236*E10229	0.001136	\$0.01
10237 Accounting & Finance Expense	D10237*E10229	0.010471	\$0.07
10238 Human Resources Expense	D10238*E10229	0.009808	\$0.06
10239 Information Management Expense	D10239*E10229	0.068149	\$0.43
10240 Intangibles	D10240*E10229	0.002634	\$0.02
10241 Directly Attributed Costs	Sum(E10232:E10240)		\$1.64
10242			
10243 TELRIC	E10232+E10241		\$7.90
10244			
10245 Common			
10246 Executive Expense	D10246*E10243	0.008052	\$0.06
10247 Planning Expense	D10247*E10243	0.000682	\$0.01
10248 External Relations Expense	D10248*E10243	0.009631	\$0.08
10249 Legal Expense	D10249*E10243	0.007338	\$0.06
10250 Other Procurement Expense	D10250*E10243	0.002772	\$0.02
10251 Research & Development Expense	D10251*E10243	0.000042	\$0.00
10252 Other General and Admin Expense	D10252*E10243	0.019104	\$0.15
10253 Common Costs	Sum(E10246:E10252)		\$0.38
10254			
10255 TELRIC + Common Costs	E10243+E10253		\$8.28

Qwest Advice No. 3376T Page 595 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	В	С	D	E	F	G B * (C Thru F)	Н	I H * (G/60)
NEW UNE-P BASIC TRUNKS - TWO-WAY TRUNK DISCONNECT - MANUAL								
DISCONNECT*								
INTERCONNECT SERVICE CENTER								
NO MANUAL ISC TIMES PREVIOUSLY FILED IN THIS DOCKET, THEREFORE, CURRENT QWEST ISC TIMES APPLIED.								
.70 probability reflects 30% reduction to work time estimates ordered								
Reviews LSR for completeness and accuracy, validate circuit/trunks belongs to the								
co-provider								
Receive LSR	3	1.000	0.700			2.10	\$39.16	\$1.3
Verifies existing account (access CSR in BOSS/CARS) and obtains closing bill address if applicable								
Verify existing account	2	1.000	0.700			1.40	\$39.16	\$0.9
Type, review and submit to customer the Firm Order Confirmation (FOC)	_		000				φοσιισ	ψ0.0
Review FOC	2	1.000	0.700			1.40	\$39.16	\$0.9
Input disconnect order into the service order processor (manually typing and								
formatting of all order for billing and provisioning) Issue service order	10	1.000	0.700			7.00	\$39.16	\$4.5
Customer Request Management (CRM)	3	1.000	0.700			2.10	\$39.16	\$1.3
Ensure order is successfully distributed to the systems and is ready for provisioning	· ·		000			20	φοσιισ	ψ
Service order Analysis & Control (SOAC)	3	1.000	0.700			2.10	\$39.16	\$1.3
ubtotal - INTERCONNECT SERVICE CENTER						16.10		\$10.5
								•
DESIGN SERVICE CENTER - DESIGN .70 probability reflects 30% reduction to work time estimates ordered								
.042 based on average of 24 members								
per group (1/24)								
.05, .95 = % of manual probability								
Order handling/screening	10	0.042	1.000	0.700		0.29	\$44.31	\$0.2
PCList Trunks Build/validate Work Authorization	2	0.042	1.000	0.700 0.700		0.06	\$44.31 \$44.31	\$0.0
Build/validate Work Authorization Build/validate Work Authorization	5 2	0.042 0.042	0.050 0.950	0.700		0.01 0.06	\$44.31 \$44.31	\$0.0 \$0.0
Build/Verify CD (Circuit Detail)	10	0.042	0.050	0.700		0.00	\$44.31	\$0.0
Build/Verify CD (Circuit Detail)	2	0.042	0.050	0.700		0.06	\$44.31	\$0.0 \$0.0
Distribute Documents	2	0.042	1.000	0.700		0.06	\$44.31	\$0.0
hotel DECICAL CEDUICE CENTER DECICAL						0.55		<u> </u>
Subtotal - DESIGN SERVICE CENTER - DESIGN						0.55		\$0.40

-DESIGN SERVICE CENTER - IMPLEMENTOR

.70 probability reflects 30% reduction to work time estimates ordered
.042 based on average of 24 members per group (1/24).

Qwest Advice No. 3376T Page 596 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti
Product Group: Interconnection

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G B * (C Thru F)	Н	I H * (G/60)
NEW UNE-P BASIC TRUNKS - TWO-WAY TRUNK DISCONNECT - MANUAL (con't)								
Screen WFA (Work Force Administration) for circuit	10	0.042	0.700			0.29	\$43.81	\$0.21
Verify LNO (Local Network Operation) completion	10	0.042	0.700			0.29	\$43.81	\$0.21
Test Circuit	25	0.042	0.700			0.74	\$43.81	\$0.54
Contact Customer	5	0.042	0.700			0.15	\$43.81	\$0.11
Complete circuit in WFA/C (Work Force Administration - Control Module)	10	0.042	0.700			0.29	\$43.81	\$0.21
Subtotal - DESIGN SERVICE CENTER - IMPLEMENTOR						1.76		\$1.29
Total For Service:						18.41		\$12.20

Qwest Advice No. 3376T Page 597 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	[
						B * (C Thru F)		H * (G/60)

NEW UNE-P BASIC TRUNKS - TWO-WAY TRUNK DISCONNECT - MANUAL (con't)

10353 10354	Cost	Cost	
10355	Calculation	Factor	Cost
10356	В С	D	E
10357 Directly Assigned	В 0		
10358 Product Management Expense	D10358*E10352	0.040393	\$0.49
10359 Sales Expense	D10359*E10352	0.014960	\$0.18
10360 Product Advertising Expense	D10360*E10352	0.000000	\$0.00
10361 Business Fees (Other Operating Taxes)	D10361*Sum(E10352:E10360)	0.042595	\$0.5
10362 Directly Assigned Costs	Sum(E10352:E10361)		\$1.2
10363			•
10364 Total Direct Costs	E10352+E10362		\$13.42
10365			
10366 Directly Attributed			
10367 Network Operations	D10367*E10364	0.056129	\$0.7
10368 Network Support Assets	D10368*E10364	0.014074	\$0.1
10369 General Support Assets	D10369*E10364	0.057904	\$0.7
10370 General Purpose Computers	D10370*E10364	0.040926	\$0.5
10371 Uncollectible	D10371*E10364	0.001136	\$0.0
10372 Accounting & Finance Expense	D10372*E10364	0.010471	\$0.1
10373 Human Resources Expense	D10373*E10364	0.009808	\$0.1
10374 Information Management Expense	D10374*E10364	0.068149	\$0.9
10375 Intangibles	D10375*E10364	0.002634	\$0.0
10376 Directly Attributed Costs	Sum(E10367:E10375)		\$3.5
10377 10378 <i>TELRIC</i>	E10367+E10376		\$16.9
10379	E10307+E10370		φ10.9
10380 Common			
10381 Executive Expense	D10381*E10378	0.008052	\$0.1
10382 Planning Expense	D10382*E10378	0.000682	\$0.0
10383 External Relations Expense	D10383*E10378	0.009631	\$0.1
10384 Legal Expense	D10384*E10378	0.007338	\$0.1
10385 Other Procurement Expense	D10385*E10378	0.002772	\$0.0
10386 Research & Development Expense	D10386*E10378	0.000042	\$0.0
10387 Other General and Admin Expense	D10387*E10378	0.019104	\$0.3
10388 Common Costs	Sum(E10381:E10387)		\$0.8
10389	(= ((= (= (= (= (= (= (= (= (= (= (= (=		70.0
10390 TELRIC + Common Costs	E10378+E10388		\$17.7

Qwest Advice No. 3376T Page 598 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B Study Year: 2001

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G B * (C Thru F)	Н	I H * (G/60)
						B (C IIIIur)		п (G/60)
NEW UNE-P DSS ADVANCED TRUNK - IN-ONLY WITH DID AND HUNTING INSTALL - MECHANIZED								
ADD								
<u>"ADD"</u>								
-INTERCONNECT SERVICE CENTER								
Time estimate(s) ordered by commission staff.								
Process order	6	1.000				6.00	\$40.03	\$4.00
Subtotal - INTERCONNECT SERVICE CENTER						6.00		\$4.00
Subtotal - INTERCONNECT SERVICE GENTER						0.00		ψ4.00
-MECHANIZED PROVISIONING ASGMNT CENTER								
.70 probability reflects 30% reduction to work time estimates ordered								
.98 probability % of activity that requires								
assignment of multiline hunt group								
.13 probability average # of lines in a								
multiline hunt group	0	0.000	0.400	0.700		0.74	#07 70	ФО 4 Г
Add term to DSS Trunk Group Multiline Hunt Assign screen tele number & 1st DSS Adv	8 6	0.980 0.980	0.130 0.130	0.700 0.700		0.71 0.54	\$37.78 \$37.78	\$0.45 \$0.34
Assign screen tele number & 1st DSS Auv	O	0.900	0.130	0.700		0.34	φ31.10	ψ0.54
Subtotal - MECHANIZED PROVISIONING ASGMNT CENTER						1.25		\$0.79
-DESIGN SERVICE CENTER - IMPLEMENTOR								
.70 probability reflects 30% reduction to work time estimates ordered								
.042 based on average of 24 members								
per group (1/24)								
Screen WFA (Work Force Administration) for circuit	5	0.042	0.700			0.15	\$43.81	\$0.11
Verify LNO (Local Network Operation) completion	5	0.042	0.700			0.15	\$43.81	\$0.11
Notify customer	5	0.042	0.700			0.15	\$43.81	\$0.11
Complete circuit in WFA/C (Work Force Administration - Control Module)	10	0.042	0.700			0.29	\$43.81	\$0.21
Subtotal - DESIGN SERVICE CENTER - IMPLEMENTOR						0.74		\$0.54
								V
-COMPLEX TRANSLATIONS								
.70 probability reflects 30% reduction to work time estimates ordered							• • • • -	.
Administrative	10	0.700				7.00	\$41.45	\$4.84
Maintenance	10	0.700				7.00	\$41.45	\$4.84
D. L. C. L. COMPLEY TO ANOLATIONS						44.00		
Subtotal - COMPLEX TRANSLATIONS						14.00		\$9.67
Total For Service:						21.98		\$15.00

Qwest Advice No. 3376T Page 599 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	
						B * (C Thru F)		H * (G/60)

NEW UNE-P DSS ADVANCED TRUNK - IN-ONLY WITH DID AND HUNTING INSTALL - MECHANIZED (con't)

10442 Direct Cost			\$15.00
10443			
10444	Cost	Cost	
10445	Calculation	Factor	Cost
10446	ВС	D	E
10447 Directly Assigned			
10448 Product Management Expense	D10448*E10442	0.040393	\$0.61
10449 Sales Expense	D10449*E10442	0.014960	\$0.22
10450 Product Advertising Expense	D10450*E10442	0.000000	\$0.00
10451 Business Fees (Other Operating Taxes)	D10451*Sum(E10442:E10450)	0.042595	\$0.67
10452 Directly Assigned Costs	Sum(E10442:E10451)		\$1.50
10453			
10454 Total Direct Costs	E10442+E10452		\$16.50
10455			
10456 Directly Attributed			
10457 Network Operations	D10457*E10454	0.056129	\$0.93
10458 Network Support Assets	D10458*E10454	0.014074	\$0.23
10459 General Support Assets	D10459*E10454	0.057904	\$0.96
10460 General Purpose Computers	D10460*E10454	0.040926	\$0.68
10461 Uncollectible	D10461*E10454	0.001136	\$0.02
10462 Accounting & Finance Expense	D10462*E10454	0.010471	\$0.17
10463 Human Resources Expense	D10463*E10454	0.009808	\$0.16
10464 Information Management Expense	D10464*E10454	0.068149	\$1.12
10465 Intangibles	D10465*E10454	0.002634	\$0.04
10466 Directly Attributed Costs	Sum(E10457:E10465)		\$4.31
10467			
10468 TELRIC	E10457+E10466		\$20.81
10469			
10470 Common			
10471 Executive Expense	D10471*E10468	0.008052	\$0.17
10472 Planning Expense	D10472*E10468	0.000682	\$0.01
10473 External Relations Expense	D10473*E10468	0.009631	\$0.20
10474 Legal Expense	D10474*E10468	0.007338	\$0.15
10475 Other Procurement Expense	D10475*E10468	0.002772	\$0.06
10476 Research & Development Expense	D10476*E10468	0.000042	\$0.00
10477 Other General and Admin Expense	D10477*E10468	0.019104	\$0.40
10478 Common Costs	Sum(E10471:E10477)		\$0.99
10479			
10480 TELRIC + Common Costs	E10468+E10478		\$21.80

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Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

Work Item	Time ⁄linutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	В	С	D	Е	F	G B * (C Thru F)	Н	I H * (G/60)
EW UNE-P DSS ADVANCED TRUNK - IN-ONLY WITH DID AND HUNTING INSTALL - MANUAL								
DD*								
ITERCONNECT SERVICE CENTER								
NO MANUAL ISC TIMES PREVIOUSLY FILED IN THIS DOCKET, THEREFORE,								
CURRENT QWEST ISC TIMES APPLIED.								
.70 probability reflects 30% reduction to work time estimates ordered								
Column 2 = occurrence								
Reviews LSR for completeness and accuracy, contractual entries (analyze request								
to determine co-provider, type of order and installation option)								
Receive and screen LSR	5	1.000	0.700			3.50	\$39.16	\$
Verifies CFA or facility/circuit availability							*	Ť
Verify CFA	4	1.000	0.700			2.80	\$39.16	\$
Exchange Info-Obtain Central Office, name, address and office type, Access							·	
Telephone Address Guide to obtain the central office address and validate end user								
address								
Obtain Central Office info	1	1.000	0.700			0.70	\$39.16	\$
CPPD-lookup billing USOCs for co-provider	2	1.000	0.700			1.40	\$39.16	\$
Summary Bill List look up BTN#, tax code and bill date								
Summary bill look up	2	1.000	0.700			1.40	\$39.16	\$
Determine Critical Dates	1	1.000	0.700			0.70	\$39.16	\$
Type, review and submit to customer the Firm Order Confirmation (FOC)								
Review FOC	3	1.000	0.700			2.10	\$39.16	\$
Input order into service order processor (manually typing and formatting of all order								
for billing and provisioning)								
Issue service order	10	1.000	0.700			7.00	\$39.16	\$
Ensure order is successfully distributed to the systems and is ready for provisioning								
Service order Analysis & Control (SOAC)	3	1.000	0.700			2.10	\$39.16	\$
Includes handling calls from other departments working the order							_	
Call Handling	5	0.600	0.700			2.10	\$39.16	\$
Handling of problems on the LSR, provisioining issues such as conditioning, facility problems	s,							
cable & pair, and typing problems handled by the center	_							
Error on Service Order (ESOI)	5	0.600	0.700			2.10	\$39.16	\$
btotal - INTERCONNECT SERVICE CENTER						25.90		\$1
ECHANIZED PROVISIONING ASGMNT CENTER								
.70 probability reflects 30% reduction to work time estimates ordered								
Column 2 = % of activity that requires								
assignment of multiline hunt group								
Column 3 = average # of lines in a								
multiline hunt group	0	0.000	0.400	0.700		0.74	ሰ ላሚ ፕሮ	•
Add term to DSS Trunk Group Multiline Hunt	8	0.980	0.130	0.700		0.71	\$37.78	(

Qwest Advice No. 3376T Page 601 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B Study Year: 2001

Analyst: Deffley/Eoriatti
Product Group: Interconnection

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	В	C	D	Ē	F	G B * (C Thru F)	Н	I H * (G/60)
NEW UNE-P DSS ADVANCED TRUNK - IN-ONLY WITH DID AND HUNTING INSTALL - MANUAL ((con't)							
Assign screen tele number & 1st DSS Adv	6	0.980	0.130	0.700		0.54	\$37.78	\$0.34
Subtotal - MECHANIZED PROVISIONING ASGMNT CENTER						1.25		\$0.79
-DESIGN SERVICE CENTER - IMPLEMENTOR .70 probability reflects 30% reduction to work time estimates ordered .042 based on average of 24 members per group (1/24) Screen WFA (Work Force Administration) for circuit Verify LNO (Local Network Operation) completion Notify customer Complete circuit in WFA/C (Work Force Administration - Control Module)	5 5 5 10	0.042 0.042 0.042 0.042	0.700 0.700 0.700 0.700			0.15 0.15 0.15 0.29	\$43.81 \$43.81 \$43.81 \$43.81	\$0.1 \$0.1 \$0.1 \$0.2
Subtotal - DESIGN SERVICE CENTER - IMPLEMENTOR						0.74		\$0.5
-COMPLEX TRANSLATIONS .70 probability reflects 30% reduction to work time estimates ordered Administrative Maintenance	10 10	0.700 0.700				7.00 7.00	\$41.45 \$41.45	\$4.84 \$4.84
Subtotal - COMPLEX TRANSLATIONS						14.00		\$9.6
Total For Service:						41.88		\$27.90

Qwest Advice No. 3376T Page 602 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G	Н	
						B * (C Thru F)		H * (G/60)

NEW UNE-P DSS ADVANCED TRUNK - IN-ONLY WITH DID AND HUNTING INSTALL - MANUAL (con't)

10577 Direct Cost			\$27.90
10578			Ψ21.50
10579	Cost	Cost	
10580	Calculation	Factor	Cost
10581	В С	D	E
10582 Directly Assigned			_
10583 Product Management Expense	D10583*E10577	0.040393	\$1.13
10584 Sales Expense	D10584*E10577	0.014960	\$0.42
10585 Product Advertising Expense	D10585*E10577	0.000000	\$0.00
10586 Business Fees (Other Operating Taxes)	D10586*Sum(E10577:E10585)	0.042595	\$1.25
10587 Directly Assigned Costs	Sum(E10577:E10586)	0.0.12000	\$2.80
10588			4
10589 Total Direct Costs	E10577+E10587		\$30.70
10590			-
10591 Directly Attributed			
10592 Network Operations	D10592*E10589	0.056129	\$1.72
10593 Network Support Assets	D10593*E10589	0.014074	\$0.43
10594 General Support Assets	D10594*E10589	0.057904	\$1.78
10595 General Purpose Computers	D10595*E10589	0.040926	\$1.26
10596 Uncollectible	D10596*E10589	0.001136	\$0.03
10597 Accounting & Finance Expense	D10597*E10589	0.010471	\$0.32
10598 Human Resources Expense	D10598*E10589	0.009808	\$0.30
10599 Information Management Expense	D10599*E10589	0.068149	\$2.09
10600 Intangibles	D10600*E10589	0.002634	\$0.08
10601 Directly Attributed Costs	Sum(E10592:E10600)		\$8.02
10602			
10603 TELRIC	E10592+E10601		\$38.72
10604			
10605 Common			
10606 Executive Expense	D10606*E10603	0.008052	\$0.31
10607 Planning Expense	D10607*E10603	0.000682	\$0.03
10608 External Relations Expense	D10608*E10603	0.009631	\$0.37
10609 Legal Expense	D10609*E10603	0.007338	\$0.28
10610 Other Procurement Expense	D10610*E10603	0.002772	\$0.11
10611 Research & Development Expense	D10611*E10603	0.000042	\$0.00
10612 Other General and Admin Expense	D10612*E10603	0.019104	\$0.74
10613 Common Costs	Sum(E10606:E10612)		\$1.84
10614			
10615 TELRIC + Common Costs	E10603+E10613		\$40.56

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Study Name: PART D FINAL ORDER NRC STUDY 7246 B Study Year: 2001

Analyst: Deffley/Eoriatti
Product Group: Interconnection

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	В	C	D	E	F	G	H	l l
	_	· ·	_	_	·	B * (C Thru F)		H * (G/60)
WANTED DOG ADVANCED TRUNK, IN ONLY MITTA DID AND WINTING DIGGONNEGT. MEGU								
W UNE-P DSS ADVANCED TRUNK - IN-ONLY WITH DID AND HUNTING DISCONNECT - MECH								
SCONNECT*								
TERCONNECT SERVICE CENTER								
Time estimate(s) ordered by commission staff.								
Process order	6	1.000				6.00	\$40.03	\$4.0
total - INTERCONNECT SERVICE CENTER						6.00		\$4.0
SIGN SERVICE CENTER - IMPLEMENTOR								
.70 probability reflects 30% reduction to work time estimates ordered								
.042 based on average of 24 members								
per group (1/24)	4.0	0.040	0.700			2.22	0.40.04	00.0
Screen WFA (Work Force Administration) for circuit	10	0.042	0.700			0.29	\$43.81	\$0.2
Verify LNO (Local Network Operation) completion	10	0.042	0.700			0.29	\$43.81	\$0.2
Test Circuit	25	0.042	0.700			0.74	\$43.81	\$0.5
Contact Customer	5	0.042	0.700			0.15	\$43.81	\$0.1
Complete circuit in WFA/C (Work Force Administration - Control Module)	10	0.042	0.700			0.29	\$43.81	\$0.2
total - DESIGN SERVICE CENTER - IMPLEMENTOR						1.76		\$1.2
al For Service:						7.76		\$5.2

Qwest Advice No. 3376T Page 604 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	
						B * (C Thru F)		H * (G/60)

NEW UNE-P DSS ADVANCED TRUNK - IN-ONLY WITH DID AND HUNTING DISCONNECT - MECH (con't)

10667 Direct Cost			\$5.29
10668			
10669	Cost	Cost	
10670	Calculation	Factor	Cost
10671	ВС	D	E
10672 Directly Assigned			
10673 Product Management Expense	D10673*E10667	0.040393	\$0.21
10674 Sales Expense	D10674*E10667	0.014960	\$0.08
10675 Product Advertising Expense	D10675*E10667	0.000000	\$0.00
10676 Business Fees (Other Operating Taxes)	D10676*Sum(E10667:E10675)	0.042595	\$0.24
10677 Directly Assigned Costs	Sum(E10667:E10676)		\$0.53
10678			
10679 Total Direct Costs	E10667+E10677		\$5.82
10680			
10681 Directly Attributed			
10682 Network Operations	D10682*E10679	0.056129	\$0.33
10683 Network Support Assets	D10683*E10679	0.014074	\$0.08
10684 General Support Assets	D10684*E10679	0.057904	\$0.34
10685 General Purpose Computers	D10685*E10679	0.040926	\$0.24
10686 Uncollectible	D10686*E10679	0.001136	\$0.01
10687 Accounting & Finance Expense	D10687*E10679	0.010471	\$0.06
10688 Human Resources Expense	D10688*E10679	0.009808	\$0.06
10689 Information Management Expense	D10689*E10679	0.068149	\$0.40
10690 Intangibles	D10690*E10679	0.002634	\$0.02
10691 Directly Attributed Costs	Sum(E10682:E10690)		\$1.52
10692			
10693 TELRIC	E10682+E10691		\$7.34
10694			
10695 Common			
10696 Executive Expense	D10696*E10693	0.008052	\$0.06
10697 Planning Expense	D10697*E10693	0.000682	\$0.01
10698 External Relations Expense	D10698*E10693	0.009631	\$0.07
10699 Legal Expense	D10699*E10693	0.007338	\$0.05
10700 Other Procurement Expense	D10700*E10693	0.002772	\$0.02
10701 Research & Development Expense	D10701*E10693	0.000042	\$0.00
10702 Other General and Admin Expense	D10702*E10693	0.019104	\$0.14
10703 Common Costs	Sum(E10696:E10702)		\$0.35
10704			
10705 TELRIC + Common Costs	E10693+E10703		\$7.69

Prob

Prob

Prob

Qwest Advice No. 3376T Page 605 Of 743 ENRC Version: 2.14 Date: 01/17/03

Prob Applied Time Labor

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	C	D	E	F	G	H	I
						B * (C Thru F)		H * (G/6
JNE-P DSS ADVANCED TRUNK - IN-ONLY WITH DID AND HUNTING DISCONNECT - MANUAL	,							
ONNECT*	_							
RCONNECT SERVICE CENTER NO MANUAL ISC TIMES PREVIOUSLY FILED IN THIS DOCKET, THEREFORE,								
CURRENT QWEST ISC TIMES APPLIED.								
.70 probability reflects 30% reduction to work time estimates ordered								
Reviews LSR for completeness and accuracy, validate circuit/trunks belongs to the								
co-provider Receive LSR	3	1.000	0.700			2.10	\$39.16	(
Verifies existing account (access CSR in BOSS/CARS) and obtains closing bill address	3	1.000	0.700			2.10	ψυυ.10	,
if applicable								
Verify existing account	2	1.000	0.700			1.40	\$39.16	\$
Type, review and submit to customer the Firm Order Confirmation (FOC)	0	4 000	0.700			4.40	# 00.40	,
Review FOC Input disconnect order into the service order processor (manually typing and	2	1.000	0.700			1.40	\$39.16	,
formatting of all order for billing and provisioning)								
Issue service order	10	1.000	0.700			7.00	\$39.16	9
Customer Request Management (CRM)	3	1.000	0.700			2.10	\$39.16	5
Ensure order is successfully distributed to the systems and is ready for provisioning		4 000	0.700			0.40	000.40	
Service order Analysis & Control (SOAC)	3	1.000	0.700			2.10	\$39.16	Ş
tal - INTERCONNECT SERVICE CENTER						16.10		\$
								<u> </u>
IGN SERVICE CENTER - IMPLEMENTOR .70 probability reflects 30% reduction to work time estimates ordered								
.042 based on average of 24 members								
per group (1/24)								
Screen WFA (Work Force Administration) for circuit	10	0.042	0.700			0.29	\$43.81	5
Verify LNO (Local Network Operation) completion	10	0.042	0.700			0.29	\$43.81	;
Test Circuit	25	0.042	0.700			0.74	\$43.81	
Contact Customer Complete circuit in WFA/C (Work Force Administration - Control Module)	5 10	0.042 0.042	0.700 0.700			0.15 0.29	\$43.81 \$43.81	
	10	0.042	0.700				ψ 4 3.01	
al - DESIGN SERVICE CENTER - IMPLEMENTOR						1.76		\$
For Service:						17.86		\$1
						00		Ψ

Qwest Advice No. 3376T Page 606 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G	Н	
						B * (C Thru F)		H * (G/60)

NEW UNE-P DSS ADVANCED TRUNK - IN-ONLY WITH DID AND HUNTING DISCONNECT - MANUAL (con't)

10757 Direct Cost			\$11.80
10758			
10759	Cost	Cost	
10760	Calculation	Factor	Cost
10761	ВС	D	E
10762 Directly Assigned			
10763 Product Management Expense	D10763*E10757	0.040393	\$0.48
10764 Sales Expense	D10764*E10757	0.014960	\$0.18
10765 Product Advertising Expense	D10765*E10757	0.000000	\$0.00
10766 Business Fees (Other Operating Taxes)	D10766*Sum(E10757:E10765)	0.042595	\$0.53
10767 Directly Assigned Costs	Sum(E10757:E10766)		\$1.18
10768			
10769 Total Direct Costs	E10757+E10767		\$12.98
10770			
10771 Directly Attributed			
10772 Network Operations	D10772*E10769	0.056129	\$0.73
10773 Network Support Assets	D10773*E10769	0.014074	\$0.18
10774 General Support Assets	D10774*E10769	0.057904	\$0.75
10775 General Purpose Computers	D10775*E10769	0.040926	\$0.53
10776 Uncollectible	D10776*E10769	0.001136	\$0.01
10777 Accounting & Finance Expense	D10777*E10769	0.010471	\$0.14
10778 Human Resources Expense	D10778*E10769	0.009808	\$0.13
10779 Information Management Expense	D10779*E10769	0.068149	\$0.88
10780 Intangibles	D10780*E10769	0.002634	\$0.03
10781 Directly Attributed Costs	Sum(E10772:E10780)		\$3.39
10782			
10783 TELRIC	E10772+E10781		\$16.37
10784			
10785 Common			
10786 Executive Expense	D10786*E10783	0.008052	\$0.13
10787 Planning Expense	D10787*E10783	0.000682	\$0.01
10788 External Relations Expense	D10788*E10783	0.009631	\$0.16
10789 Legal Expense	D10789*E10783	0.007338	\$0.12
10790 Other Procurement Expense	D10790*E10783	0.002772	\$0.05
10791 Research & Development Expense	D10791*E10783	0.000042	\$0.00
10792 Other General and Admin Expense	D10792*E10783	0.019104	\$0.31
10793 Common Costs	Sum(E10786:E10792)		\$0.78
10794	<u> </u>		
10795 TELRIC + Common Costs	E10783+E10793		\$17.15

Qwest Advice No. 3376T Page 607 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B Study Year: 2001

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

w	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes B	#1 C	#2 D	#3	#4	(Minutes)	/Hour	Cost
A	В	C	U	E	F	B * (C Thru F)	Н	і H * (G/60)
						2 (0)		(3,55)
NEW UNE-P ADVANCED TRUNKS - OUT-ONLY TRUNK WITH ANS SUPV INSTALL -MECHANIZED								
ADD								
-INTERCONNECT SERVICE CENTER								
Time estimate(s) ordered by commission staff.								
Process order	6	1.000				6.00	\$40.03	\$4.00
O LAND INTERCONNECT OFFICE OF STEED						C 00		£4.00
Subtotal - INTERCONNECT SERVICE CENTER						6.00		\$4.00
-MECHANIZED PROVISIONING ASGMT CENTER								
.70 probability reflects 30% reduction to work time estimates ordered								
.08 probability average # of trunks								
per N & T order Assign screen telephone number	6	0.080	0.700			0.34	\$37.78	\$0.21
Assign screen telephone number	U	0.000	0.700			0.34	ψ31.10	Ψ0.21
Subtotal - MECHANIZED PROVISIONING ASGMT CENTER						0.34		\$0.21
-DESIGN SERVICE CENTER - DESIGN								
.70 probability reflects 30% reduction to work time estimates ordered								
.042 based on average of 24 members								
per group (1/24)								
.05, .95, .20, .80 = % of manual probability	4.0	0.040	4 000	. 700				40.00
Order handling/screening Validate DRI (Design Related Information) & WA (Work Authorization)	10 10	0.042 0.042	1.000 0.050	0.700 0.700		0.29 0.01	\$44.31 \$44.31	\$0.22 \$0.01
Validate DRI (Design Related Information) & WA (Work Authorization) Validate DRI (Design Related Information) & WA (Work Authorization)	4	0.042	0.050	0.700		0.01	\$44.31	\$0.01
Build/Verify CD (Circuit Detail)	15	0.042	0.200	0.700		0.09	\$44.31	\$0.07
Build/Verify CD (Circuit Detail)	3	0.042	0.800	0.700		0.07	\$44.31	\$0.05
Distribute Documents	2	0.042	1.000	0.700		0.06	\$44.31	\$0.04
TAS	15	0.042	1.000	0.700		0.44	\$44.31	\$0.33
Subtotal - DESIGN SERVICE CENTER - DESIGN						1.08		\$0.80
DECICAL CEDVICE CENTED IMPLEMENTOR								
-DESIGN SERVICE CENTER - IMPLEMENTOR .70 probability reflects 30% reduction to work time estimates ordered								
.042 based on average of 24 members								
per group (1/24)								
Screen WFA (Work Force Administration) for circuit	5	0.042	0.700			0.15	\$43.81	\$0.11
Verify LNO (Local Network Operation) completion	5	0.042	0.700			0.15	\$43.81	\$0.11
Notify customer	5	0.042	0.700			0.15	\$43.81	\$0.11
Complete circuit in WFA/C (Work Force Administration - Control Module)	10	0.042	0.700			0.29	\$43.81	\$0.21
Subtotal - DESIGN SERVICE CENTER - IMPLEMENTOR						0.74		\$0.54
								, ,,,,

Qwest Advice No. 3376T Page 608 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B Study Year: 2001

Analyst: Deffley/Eoriatti
Product Group: Interconnection

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G B * (C Thru F)	Н	I H * (G/60)
NEW UNE-P ADVANCED TRUNKS - OUT-ONLY TRUNK WITH ANS SUPV INSTALL -ME	CHANIZED (con't)							
-COMPLEX TRANSLATIONS .70 probability reflects 30% reduction to work time estimates ordered								
Administrative	10	0.700					\$41.45	\$4.84
Maintenance	10	0.700				7.00	\$41.45	\$4.84
Subtotal - COMPLEX TRANSLATIONS						14.00		\$9.67
Total For Service:						22.15		\$15.22

Qwest Advice No. 3376T Page 609 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G	Н	
						B * (C Thru F)		H * (G/60)

NEW UNE-P ADVANCED TRUNKS - OUT-ONLY TRUNK WITH ANS SUPV INSTALL -MECHANIZED (con't)

10893 10894	Cost	ost	
10895		ctor	Cost
10896		D	E
10897 Directly Assigned	В		
10898 Product Management Expense	D10898*E10892	0.040393	\$0.6
10899 Sales Expense		0.040393	\$0.0
10900 Product Advertising Expense		0.000000	\$0.0
10901 Business Fees (Other Operating Taxes)		0.042595	\$0.6
10902 Directly Assigned Costs	Sum(E10892:E10901)	0.042000	\$1.5
10903	oun(E10002.E10001)		Ψ1.0
10904 Total Direct Costs	E10892+E10902		\$16.7
10905			7.0
10906 Directly Attributed			
10907 Network Operations	D10907*E10904	0.056129	\$0.9
10908 Network Support Assets	D10908*E10904	0.014074	\$0.2
10909 General Support Assets	D10909*E10904	0.057904	\$0.9
10910 General Purpose Computers	D10910*E10904	0.040926	\$0.6
10911 Uncollectible	D10911*E10904	0.001136	\$0.0
10912 Accounting & Finance Expense	D10912*E10904	0.010471	\$0.1
10913 Human Resources Expense	D10913*E10904	0.009808	\$0.1
10914 Information Management Expense	D10914*E10904	0.068149	\$1.1
10915 Intangibles	D10915*E10904	0.002634	\$0.0
10916 Directly Attributed Costs	Sum(E10907:E10915)		\$4.3
10917			
10918 TELRIC	E10907+E10916		\$21.1
10919			
10920 Common			
10921 Executive Expense		0.008052	\$0.1
10922 Planning Expense		0.000682	\$0.0
10923 External Relations Expense		0.009631	\$0.2
10924 Legal Expense		0.007338	\$0.1
10925 Other Procurement Expense		0.002772	\$0.0
10926 Research & Development Expense		0.000042	\$0.0
10927 Other General and Admin Expense		0.019104	\$0.4
10928 Common Costs	Sum(E10921:E10927)		\$1.0
10929 10930 TELRIC + Common Costs	E10918+E10928		\$22.
10000 ILLINO T COMMINION COSIS	L10310TL10320		ΨΖΖ. Ι

Time

Prob

Prob

Prob

Prob

Applied Time

Qwest Advice No. 3376T Page 610 Of 743 ENRC Version: 2.14 Date: 01/17/03

Labor

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

Work Item Min	nutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G B * (C Thru F)	Н	I H * (G/60)
						D (0 111101)		11 (0,00)
W UNE-P ADVANCED TRUNKS - OUT-ONLY TRUNK WITH ANS SUPV INSTALL -MANUAL								
<u>*aa</u>								
TERCONNECT SERVICE CENTER								
NO MANUAL ISC TIMES PREVIOUSLY FILED IN THIS DOCKET, THEREFORE, CURRENT QWEST ISC TIMES APPLIED.								
.70 probability reflects 30% reduction to work time estimates ordered Column 2 = occurrence								
Reviews LSR for completeness and accuracy, contractual entries (analyze request to determine co-provider, type of order and installation option)								
Receive and screen LSR Verifies CFA or facility/circuit availability	5	1.000	0.700			3.50	\$39.16	(
Verify CFA	4	1.000	0.700			2.80	\$39.16	;
Exchange Info-Obtain Central Office, name, address and office type, Access Telephone Address Guide to obtain the central office address and validate end user address								
Obtain Central Office info	1	1.000	0.700			0.70	\$39.16	
CPPD-lookup billing USOCs for co-provider Summary Bill List look up BTN#, tax code and bill date	2	1.000	0.700			1.40	\$39.16	
Summary bill look up Determine Critical Dates	2 1	1.000 1.000	0.700 0.700			1.40 0.70	\$39.16 \$39.16	
Type, review and submit to customer the Firm Order Confirmation (FOC) Review FOC	3		0.700				\$39.16	
Input order into service order processor (manually typing and formatting of all order	3	1.000	0.700			2.10	\$39.16	
for billing and provisioning) Issue service order	10	1.000	0.700			7.00	\$39.16	
Ensure order is successfully distributed to the systems and is ready for provisioning Service order Analysis & Control (SOAC)	3	1.000	0.700			2.10	\$39.16	
Includes handling calls from other departments working the order Call Handling	5	0.600	0.700			2.10	\$39.16	
Handling of problems on the LSR, provisioining issues such as conditioning, facility problems, cable & pair, and typing problems handled by the center							******	
Error on Service Order (ESOI)	5	0.600	0.700			2.10	\$39.16	:
otal - INTERCONNECT SERVICE CENTER						25.90		\$
CHANIZED PROVISIONING ASGMT CENTER								
.70 probability reflects 30% reduction to work time estimates ordered								
Column 2 = % manually handled COLUMN 3 = average # of trunks								
per N & T order								
Assign screen telephone number	6	1.000	0.080	0.700		0.34	\$37.78	9

Qwest Advice No. 3376T Page 611 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	В	C	D	E	F	G B * (C Thru F)	Н	I H * (G/60)
NEW UNE-P ADVANCED TRUNKS - OUT-ONLY TRUNK WITH ANS SUPV INSTALL -MANUAL (con't	1					, ,		, ,
Subtotal - MECHANIZED PROVISIONING ASGMT CENTER						0.34		\$0.21
-DESIGN SERVICE CENTER - DESIGN								
.70 probability reflects 30% reduction to work time estimates ordered								
.042 based on average of 24 members								
per group (1/24)								
.05, .95, .20, .80 = % of manual probability								
Order handling/screening	10	0.042	1.000	0.700		0.29	\$44.31	\$0.22
Validate DRI (Design Related Information) & WA (Work Authorization)	10	0.042	0.050	0.700		0.01	\$44.31	\$0.01
Validate DRI (Design Related Information) & WA (Work Authorization)	4	0.042	0.950	0.700		0.11	\$44.31	\$0.08
Build/Verify CD (Circuit Detail)	15	0.042	0.200	0.700		0.09	\$44.31	\$0.07
Build/Verify CD (Circuit Detail)	3	0.042	0.800	0.700		0.07	\$44.31	\$0.05
Distribute Documents	2	0.042	1.000	0.700		0.06	\$44.31	\$0.04
TAS	15	0.042	1.000	0.700		0.44	\$44.31	\$0.33
Subtotal - DESIGN SERVICE CENTER - DESIGN						1.08		\$0.80
-DESIGN SERVICE CENTER - IMPLEMENTOR								
.70 probability reflects 30% reduction to work time estimates ordered								
.042 based on average of 24 members								
per group (1/24)								
Screen WFA (Work Force Administration) for circuit	5	0.042	0.700			0.15	\$43.81	\$0.11
Verify LNO (Local Network Operation) completion	5	0.042	0.700			0.15	\$43.81	\$0.11
Notify customer	5	0.042	0.700			0.15	\$43.81	\$0.11
Complete circuit in WFA/C (Work Force Administration - Control Module)	10	0.042	0.700			0.29	\$43.81	\$0.21
Subtotal - DESIGN SERVICE CENTER - IMPLEMENTOR						0.74		\$0.54
-COMPLEX TRANSLATIONS								
.70 probability reflects 30% reduction to work time estimates ordered								
Administrative	10	0.700				7.00	\$41.45	\$4.84
Maintenance	10	0.700				7.00	\$41.45	\$4.84
Wallterlance	10	0.700				7.00	Ф41.45	Ψ4.04
Subtotal - COMPLEX TRANSLATIONS						14.00		\$9.67
Total For Service:						42.05		\$28.12
						.2.00		¥_\$11 2

Qwest Advice No. 3376T Page 612 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G	Н	
						B * (C Thru F)		H * (G/60)

NEW UNE-P ADVANCED TRUNKS - OUT-ONLY TRUNK WITH ANS SUPV INSTALL -MANUAL (con't)

11027 Direct Cost			\$28.1
11028			
11029	Cost	Cost	_
11030	Calculation	Factor	Cost
11031	ВС	D	E
11032 Directly Assigned			
11033 Product Management Expense	D11033*E11027	0.040393	\$1.
11034 Sales Expense	D11034*E11027	0.014960	\$0.4
11035 Product Advertising Expense	D11035*E11027	0.000000	\$0.
11036 Business Fees (Other Operating Taxes)	D11036*Sum(E11027:E11035)	0.042595	\$1.
11037 Directly Assigned Costs	Sum(E11027:E11036)		\$2.
11038			
11039 Total Direct Costs	E11027+E11037		\$30.
11040			
11041 Directly Attributed			
11042 Network Operations	D11042*E11039	0.056129	\$1.
11043 Network Support Assets	D11043*E11039	0.014074	\$0.
11044 General Support Assets	D11044*E11039	0.057904	\$1.
11045 General Purpose Computers	D11045*E11039	0.040926	\$1.
11046 Uncollectible	D11046*E11039	0.001136	\$0.
11047 Accounting & Finance Expense	D11047*E11039	0.010471	\$0.
11048 Human Resources Expense	D11048*E11039	0.009808	\$0.
11049 Information Management Expense	D11049*E11039	0.068149	\$2.
11050 Intangibles	D11050*E11039	0.002634	\$0.
11051 Directly Attributed Costs	Sum(E11042:E11050)		\$8.
11052			
11053 <i>TELRIC</i>	E11042+E11051		\$39.
11054			
11055 Common			
11056 Executive Expense	D11056*E11053	0.008052	\$0.
11057 Planning Expense	D11057*E11053	0.000682	\$0.
11058 External Relations Expense	D11058*E11053	0.009631	\$0.
11059 Legal Expense	D11059*E11053	0.007338	\$0.
11060 Other Procurement Expense	D11060*E11053	0.002772	\$0.
11061 Research & Development Expense	D11061*E11053	0.000042	\$0.
11062 Other General and Admin Expense	D11062*E11053	0.019104	\$0.
11063 Common Costs	Sum(E11056:E11062)		\$1.
11064	<u> </u>		
11065 TELRIC + Common Costs	E11053+E11063		\$40.8

Qwest Advice No. 3376T Page 613 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B Study Year: 2001

Analyst: Deffley/Eoriatti
Product Group: Interconnection

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G B * (C Thru F)	Н	I H * (G/60)
W UNE-P ADVANCED TRUNKS - OUT-ONLY TRUNK WITH ANS SUPV DISCONNECT - MECH								
SCONNECT*								
TERCONNECT SERVICE CENTER								
Time estimate(s) ordered by commission staff. Process order	6	1.000				6.00	\$40.03	\$4.0
total - INTERCONNECT SERVICE CENTER						6.00		\$4.0
						0.00		φ4.
SIGN SERVICE CENTER - DESIGN .70 probability reflects 30% reduction to work time estimates ordered								
.042 based on average of 24 members								
per group (1/24) .05, .95 = % of manual probability								
Order handling/screening	10	0.042	1.000	0.700		0.29	\$44.31	\$0
PCList Trunks	2	0.042	1.000	0.700		0.06	\$44.31	\$0
Build/validate Work Authorization Build/validate Work Authorization	5 2	0.042 0.042	0.050 0.950	0.700 0.700		0.01 0.06	\$44.31 \$44.31	\$0 \$0
Build/Verify CD (Circuit Detail)	10	0.042	0.950	0.700		0.00	\$44.31	\$0 \$0
Build/Verify CD (Circuit Detail)	2	0.042	0.950	0.700		0.06	\$44.31	\$0
Distribute Documents	2	0.042	1.000	0.700		0.06	\$44.31	\$0.
total - DESIGN SERVICE CENTER - DESIGN						0.55		\$0.
SIGN SERVICE CENTER - IMPLEMENTOR								
.70 probability reflects 30% reduction to work time estimates ordered								
.042 based on average of 24 members per group (1/24)								
Screen WFA (Work Force Administration) for circuit	10	0.042	0.700			0.29	\$43.81	\$0
Verify LNO (Local Network Operation) completion	10	0.042	0.700			0.29	\$43.81	\$0
Test Circuit	25	0.042	0.700			0.74	\$43.81	\$0
Contact Customer Complete circuit in WFA/C (Work Force Administration - Control Module)	5 10	0.042 0.042	0.700 0.700			0.15 0.29	\$43.81 \$43.81	\$0 \$0
,		0.0 12	J 30				ψ.σ.σ.	**
otal - DESIGN SERVICE CENTER - IMPLEMENTOR						1.76		\$1.2
I For Service:						8.31		\$5.6

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Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	
						B * (C Thru F)		H * (G/60)

NEW UNE-P ADVANCED TRUNKS - OUT-ONLY TRUNK WITH ANS SUPV DISCONNECT - MECH (con't)

11117 Direct Cost			\$5.69
11118			
11119	Cost	Cost	
11120	Calculation	Factor	Cost
11121	ВС	D	E
11122 Directly Assigned			
11123 Product Management Expense	D11123*E11117	0.040393	\$0.23
11124 Sales Expense	D11124*E11117	0.014960	\$0.09
11125 Product Advertising Expense	D11125*E11117	0.000000	\$0.00
11126 Business Fees (Other Operating Taxes)	D11126*Sum(E11117:E11125)	0.042595	\$0.26
11127 Directly Assigned Costs	Sum(E11117:E11126)		\$0.57
11128			•
11129 Total Direct Costs	E11117+E11127		\$6.26
11130			
11131 Directly Attributed			
11132 Network Operations	D11132*E11129	0.056129	\$0.35
11133 Network Support Assets	D11133*E11129	0.014074	\$0.09
11134 General Support Assets	D11134*E11129	0.057904	\$0.36
11135 General Purpose Computers	D11135*E11129	0.040926	\$0.26
11136 Uncollectible	D11136*E11129	0.001136	\$0.01
11137 Accounting & Finance Expense	D11137*E11129	0.010471	\$0.07
11138 Human Resources Expense	D11138*E11129	0.009808	\$0.06
11139 Information Management Expense	D11139*E11129	0.068149	\$0.43
11140 Intangibles	D11140*E11129	0.002634	\$0.02
11141 Directly Attributed Costs	Sum(E11132:E11140)		\$1.64
11142			
11143 TELRIC	E11132+E11141		\$7.90
11144			
11145 Common			
11146 Executive Expense	D11146*E11143	0.008052	\$0.06
11147 Planning Expense	D11147*E11143	0.000682	\$0.01
11148 External Relations Expense	D11148*E11143	0.009631	\$0.08
11149 Legal Expense	D11149*E11143	0.007338	\$0.06
11150 Other Procurement Expense	D11150*E11143	0.002772	\$0.02
11151 Research & Development Expense	D11151*E11143	0.000042	\$0.00
11152 Other General and Admin Expense	D11152*E11143	0.019104	\$0.15
11153 Common Costs	Sum(E11146:E11152)		\$0.38
11154	<u> </u>		
11155 TELRIC + Common Costs	E11143+E11153		\$8.28

Qwest Advice No. 3376T Page 615 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
	#1	#2	#3	#4	(Minutes)	/Hour	Cost
В	С	D	E	F	G B * (C Thru E)	Н	I H * (G/60)
					в (С ППСР)		П (G/00)
3	1.000	0.700			2.10	\$39.16	\$1
2	1.000	0.700			1.40	\$39.16	\$0
2	1.000	0.700			1 10	#20.46	\$0
2	1.000	0.700			1.40	Ф 39.10	φυ
						4	
							\$4
3	1.000	0.700			2.10	\$39.16	\$1
3	1.000	0.700			2.10	\$39.16	\$1
					16 10		\$10
					10.10		\$10
10	0.042	1.000	0.700		0.29	\$44.31	\$0
2							\$0
5							\$0
-							\$0
							\$0
							\$0
2	0.042	1.000	0.700		0.06	\$44.31	\$0 \$0
	Minutes B 3 2 2 10 3 3 10 2 5 2 10 2 10 2 5 10 2	Minutes #1 B C 3 1.000 2 1.000 2 1.000 3 1.000 3 1.000 3 1.000 3 1.000 2 0.042 2 0.042 5 0.042 2 0.042 10 0.042 2 0.042 10 0.042 2 0.042	Minutes #1 #2 B C D 3 1.000 0.700 2 1.000 0.700 2 1.000 0.700 3 1.000 0.700 3 1.000 0.700 3 1.000 0.700 3 1.000 0.700	Minutes #1 #2 #3 B C D E 3 1.000 0.700 2 1.000 0.700 2 1.000 0.700 3 1.000 0.700 3 1.000 0.700 3 1.000 0.700 3 1.000 0.700 2 0.042 1.000 0.700 5 0.042 0.050 0.700 10 0.042 0.950 0.700 10 0.042 0.050 0.700 2 0.042 0.950 0.700	Minutes #1 #2 #3 #4 B C D E F 3 1.000 0.700 2 1.000 0.700 2 1.000 0.700 3 1.000 0.700 3 1.000 0.700 3 1.000 0.700 3 1.000 0.700 2 0.042 1.000 0.700 5 0.042 0.050 0.700 10 0.042 0.950 0.700 10 0.042 0.050 0.700 2 0.042 0.950 0.700 2 0.042 0.950 0.700 2 0.042 0.950 0.700	Minutes #1 #2 #3 #4 (Minutes) B C D E F G B*(C Thru F) B*(C Thru F) 3 1.000 0.700 2.10 2 1.000 0.700 1.40 2 1.000 0.700 7.00 3 1.000 0.700 2.10 3 1.000 0.700 2.10 3 1.000 0.700 2.10 16.10 10 0.042 1.000 0.700 0.06 5 0.042 1.000 0.700 0.06 10 0.042 0.050 0.700 0.06 10 0.042 0.050 0.700 0.06 10 0.042 0.050 0.700 0.06 10 0.042 0.950 0.700 0.06 10 0.042 0.950 0.700 0.06 10 0.042 0.950	Minutes #1 #2 #3 #4 (Minutes) /Hour B C D E F G H B* (C Thru F) B* (C Thru F) H H 3 1.000 0.700 2.10 \$39.16 2 1.000 0.700 1.40 \$39.16 2 1.000 0.700 7.00 \$39.16 3 1.000 0.700 2.10 \$39.16 3 1.000 0.700 2.10 \$39.16 3 1.000 0.700 2.10 \$39.16 3 1.000 0.700 2.10 \$39.16 3 1.000 0.700 2.10 \$39.16 3 1.000 0.700 2.10 \$39.16 3 1.000 0.700 0.06 \$44.31 2 0.042 1.000 0.700 0.06 \$44.31 2 0.042 0.950 0.700 0.06 \$44.31

-DESIGN SERVICE CENTER - IMPLEMENTOR

.70 probability reflects 30% reduction to work time estimates ordered
.042 based on average of 24 members per group (1/24)

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Study Year: 2001 Analyst: Deffley/Eoriatti
Product Group: Interconnection

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	<u> </u>
						B * (C Thru F)		H * (G/60)
NEW UNE-P ADVANCED TRUNKS - OUT-ONLY TRUNK WITH ANS SUPV DISCONNECT - MANUA	AL (con't)							
Screen WFA (Work Force Administration) for circuit	10	0.042	0.700			0.29	\$43.81	\$0.21
Verify LNO (Local Network Operation) completion	10	0.042	0.700			0.29	\$43.81	\$0.21
Test Circuit	25	0.042	0.700			0.74	\$43.81	\$0.54
Contact Customer	5	0.042	0.700			0.15	\$43.81	\$0.11
Complete circuit in WFA/C (Work Force Administration - Control Module)	10	0.042	0.700			0.29	\$43.81	\$0.21
Subtotal - DESIGN SERVICE CENTER - IMPLEMENTOR						1.76		\$1.29
Total For Service:						18.41		\$12.20

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Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G	Н	
						B * (C Thru F)		H * (G/60)

NEW UNE-P ADVANCED TRUNKS - OUT-ONLY TRUNK WITH ANS SUPV DISCONNECT - MANUAL (con't)

11253			
11254	Cost	Cost	
11255	Calculation	Factor	Cost
11256	ВС	D	E
11257 Directly Assigned			
11258 Product Management Expense	D11258*E11252	0.040393	\$0.4
11259 Sales Expense	D11259*E11252	0.014960	\$0.
11260 Product Advertising Expense	D11260*E11252	0.000000	\$0.0
11261 Business Fees (Other Operating Taxes)	D11261*Sum(E11252:E11260)	0.042595	\$0.5
11262 Directly Assigned Costs	Sum(E11252:E11261)		\$1.
11263			
11264 Total Direct Costs	E11252+E11262		\$13.
11265			
11266 Directly Attributed			
11267 Network Operations	D11267*E11264	0.056129	\$0.
11268 Network Support Assets	D11268*E11264	0.014074	\$0.
11269 General Support Assets	D11269*E11264	0.057904	\$0.
11270 General Purpose Computers	D11270*E11264	0.040926	\$0.
11271 Uncollectible	D11271*E11264	0.001136	\$0.
11272 Accounting & Finance Expense	D11272*E11264	0.010471	\$0.
11273 Human Resources Expense	D11273*E11264	0.009808	\$0.
11274 Information Management Expense	D11274*E11264	0.068149	\$0.
11275 Intangibles	D11275*E11264	0.002634	\$0.
11276 Directly Attributed Costs	Sum(E11267:E11275)		\$3.
11277			
11278 TELRIC	E11267+E11276		\$16.
11279			
11280 Common			
11281 Executive Expense	D11281*E11278	0.008052	\$0.
11282 Planning Expense	D11282*E11278	0.000682	\$0.
11283 External Relations Expense	D11283*E11278	0.009631	\$0.
11284 Legal Expense	D11284*E11278	0.007338	\$0.
11285 Other Procurement Expense	D11285*E11278	0.002772	\$0.
11286 Research & Development Expense	D11286*E11278	0.000042	\$0.
11287 Other General and Admin Expense	D11287*E11278	0.019104	\$0.
11288 Common Costs	Sum(E11281:E11287)		\$0.
11289	· · · · · · · · · · · · · · · · · · ·		
11290 TELRIC + Common Costs	E11278+E11288		\$17.

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Study Name: PART D FINAL ORDER NRC STUDY 7246 B Study Year: 2001

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G B * (C Thru F)	Н	I H * (G/60)
						B (0 111101)		11 (0/00)
EW UNE-P ADVANCED TRKS - TWO-WAY TRK W/DID, HUNTING & ANS SUPV INSTALL - MECH								
ADD*								
NTERCONNECT SERVICE CENTER								
Time estimate(s) ordered by commission staff.								
Process order	6	1.000				6.00	\$40.03	\$4.0
							,	•
ubtotal - INTERCONNECT SERVICE CENTER						6.00		\$4.0
MECHANIZED PROVISIONING ASGMNT CENTER								
.70 probability reflects 30% reduction to work time estimates ordered								
.98 probability % of activity that requires								
assignment of multiline hunt group								
.13 probability average # of lines in a								
multiline hunt group								
Add term to DSS Trunk Group Multiline Hunt	8	0.980	0.130	0.700		0.71	\$37.78	\$0.
Assign screen tele number & 1st DSS Adv	6	0.980	0.130	0.700		0.54	\$37.78	\$0.3
Subtotal - MECHANIZED PROVISIONING ASGMNT CENTER						1.25		\$0.7
DESIGN SERVICE CENTER - IMPLEMENTOR								
.70 probability reflects 30% reduction to work time estimates ordered								
.042 based on average of 24 members								
per group (1/24)								
Screen WFA (Work Force Administration) for circuit	5	0.042	0.700			0.15	\$43.81	\$0.
Verify LNO (Local Network Operation) completion	5	0.042	0.700			0.15	\$43.81	\$0.
Notify customer	5	0.042	0.700			0.15	\$43.81	\$0.
Complete circuit in WFA/C (Work Force Administration - Control Module)	10	0.042	0.700			0.29	\$43.81	\$0.2
Subtotal - DESIGN SERVICE CENTER - IMPLEMENTOR						0.74		\$0.5
COMPLEY TRANSLATIONS								•
COMPLEX TRANSLATIONS 70 probability reflects 200/ reduction to work time actimates and year								
.70 probability reflects 30% reduction to work time estimates ordered Administrative	10	0.700				7.00	\$41.45	\$4.8
Maintenance	10 10	0.700				7.00 7.00	\$41.45 \$41.45	\$4.8 \$4.8
mantenance	10	0.700				7.00	C+.1 + P	φ4.0
Subtotal - COMPLEX TRANSLATIONS						14.00		\$9.6
Total For Service:						21.98		\$15.0
S						21.00		Ψ.0.0

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Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G	Н	
						B * (C Thru F)		H * (G/60)

NEW UNE-P ADVANCED TRKS - TWO-WAY TRK W/DID, HUNTING & ANS SUPV INSTALL - MECH (con't)

11344	Cost	Cost	
11345	Calculation	Factor	Cost
11346	В С	D	E
11347 Directly Assigned			
11348 Product Management Expense	D11348*E11342	0.040393	\$0.6
11349 Sales Expense	D11349*E11342	0.014960	\$0.2
11350 Product Advertising Expense	D11350*E11342	0.000000	\$0.0
11351 Business Fees (Other Operating Taxes)	D11351*Sum(E11342:E11350)	0.042595	\$0.6
11352 Directly Assigned Costs	Sum(E11342:E11351)		\$1.5
11353			
11354 Total Direct Costs	E11342+E11352		\$16.5
11355			
11356 Directly Attributed			
11357 Network Operations	D11357*E11354	0.056129	\$0.9
11358 Network Support Assets	D11358*E11354	0.014074	\$0.2
11359 General Support Assets	D11359*E11354	0.057904	\$0.9
11360 General Purpose Computers	D11360*E11354	0.040926	\$0.6
11361 Uncollectible	D11361*E11354	0.001136	\$0.0
11362 Accounting & Finance Expense	D11362*E11354	0.010471	\$0.1
11363 Human Resources Expense	D11363*E11354	0.009808	\$0.1
11364 Information Management Expense	D11364*E11354	0.068149	\$1.1
11365 Intangibles	D11365*E11354	0.002634	\$0.0
11366 Directly Attributed Costs 11367	Sum(E11357:E11365)		\$4.3
11367 TELRIC	E11357+E11366		\$20.8
11369			
11370 Common			
11371 Executive Expense	D11371*E11368	0.008052	\$0.1
11372 Planning Expense	D11372*E11368	0.000682	\$0.0
11373 External Relations Expense	D11373*E11368	0.009631	\$0.2
11374 Legal Expense	D11374*E11368	0.007338	\$0.1
11375 Other Procurement Expense	D11375*E11368	0.002772	\$0.0
11376 Research & Development Expense	D11376*E11368	0.000042	\$0.0
11377 Other General and Admin Expense	D11377*E11368	0.019104	\$0.4
11378 Common Costs	Sum(E11371:E11377)		\$0.9

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Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

Wests to se	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	Cont
Work Item Δ	Minutes B	#1 C	#2 D	#3 E	#4	(Minutes) G	/Hour H	Cost
n	J	O	D	L	'	B * (C Thru F)	11	H * (G/60)
						. ,		
NEW UNE-P ADVANCED TRKS - TWO-WAY TRK W/DID, HUNTING & ANS SUPV INSTALL - MANUAL								
<u>*ADD*</u>								
-INTERCONNECT SERVICE CENTER								
NO MANUAL ISC TIMES PREVIOUSLY FILED IN THIS DOCKET, THEREFORE,								
CURRENT QWEST ISC TIMES APPLIED.								
.70 probability reflects 30% reduction to work time estimates ordered								
Column 2 = occurrence								
Reviews LSR for completeness and accuracy, contractual entries (analyze request								
to determine co-provider, type of order and installation option)								
Receive and screen LSR	5	1.000	0.700			3.50	\$39.16	\$2.28
Verifies CFA or facility/circuit availability								
Verify CFA	4	1.000	0.700			2.80	\$39.16	\$1.83
Exchange Info-Obtain Central Office, name, address and office type, Access								
Telephone Address Guide to obtain the central office address and validate end user								
address								
Obtain Central Office info	1	1.000	0.700			0.70	\$39.16	\$0.46
CPPD-lookup billing USOCs for co-provider	2	1.000	0.700			1.40	\$39.16	\$0.91
Summary Bill List look up BTN#, tax code and bill date	2	1 000	0.700			1 10	T20 16	EO 04
Summary bill look up Determine Critical Dates	2 1	1.000 1.000	0.700 0.700			1.40 0.70	\$39.16 \$39.16	\$0.91 \$0.46
Type, review and submit to customer the Firm Order Confirmation (FOC)	1	1.000	0.700			0.70	Ф 39.10	\$0.46
Review FOC	3	1.000	0.700			2.10	\$39.16	\$1.37
Input order into service order processor (manually typing and formatting of all order	3	1.000	0.700			2.10	φ39.10	φ1.57
for billing and provisioning)								
Issue service order	10	1.000	0.700			7.00	\$39.16	\$4.57
Ensure order is successfully distributed to the systems and is ready for provisioning			000				Ψοσσ	Ψ
Service order Analysis & Control (SOAC)	3	1.000	0.700			2.10	\$39.16	\$1.37
Includes handling calls from other departments working the order							•	•
Call Handling	5	0.600	0.700			2.10	\$39.16	\$1.37
Handling of problems on the LSR, provisioining issues such as conditioning, facility problem	s,							
cable & pair, and typing problems handled by the center								
Error on Service Order (ESOI)	5	0.600	0.700			2.10	\$39.16	\$1.37
Subtotal - INTERCONNECT SERVICE CENTER						25.90		\$16.90
SUBJECT STREET SERVICE SERVICE						20.30		ψ10.30
-MECHANIZED PROVISIONING ASGMNT CENTER								
.70 probability reflects 30% reduction to work time estimates ordered								
.98 probability % of activity that requires								
assignment of multiline hunt group								
.13 probability = average # of lines in a								
multiline hunt group								
Add term to DSS Trunk Group Multiline Hunt	8	0.980	0.130	0.700		0.71	\$37.78	\$0.45

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Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti
Product Group: Interconnection

West to a	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	0
Work Item	Minutes	#1 C	#2 D	#3 E	#4	(Minutes)	/Hour H	Cost
A	В	C	D	E	Г	B * (C Thru F)	П	и Н * (G/60)
						B (O IIIIdi)		11 (3/00)
NEW UNE-P ADVANCED TRKS - TWO-WAY TRK W/DID, HUNTING & ANS SUPV INSTALL - M	ANUAL (con't)							
Assign screen tele number & 1st DSS Adv	6	0.980	0.130	0.700		0.54	\$37.78	\$0.34
Subtotal - MECHANIZED PROVISIONING ASGMNT CENTER						1.25		\$0.79
-DESIGN SERVICE CENTER - IMPLEMENTOR								
.70 probability reflects 30% reduction to work time estimates ordered								
.042 based on average of 24 members								
per group (1/24)								
Screen WFA (Work Force Administration) for circuit	5	0.042	0.700			0.15	\$43.81	\$0.11
Verify LNO (Local Network Operation) completion	5	0.042	0.700			0.15	\$43.81	\$0.11
Notify customer	5	0.042	0.700			0.15	\$43.81	\$0.11
Complete circuit in WFA/C (Work Force Administration - Control Module)	10	0.042	0.700			0.29	\$43.81	\$0.21
Subtotal - DESIGN SERVICE CENTER - IMPLEMENTOR						0.74		\$0.54
-COMPLEX TRANSLATIONS								
.70 probability reflects 30% reduction to work time estimates ordered								
Administrative	10	0.700				7.00	\$41.45	\$4.84
Maintenance	10	0.700				7.00	\$41.45	\$4.84
Subtotal - COMPLEX TRANSLATIONS						14.00		\$9.67
		•	•	•	•		•	
Total For Service:						41.88		\$27.90

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Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G	Н	
						B * (C Thru F)		H * (G/60)

NEW UNE-P ADVANCED TRKS - TWO-WAY TRK W/DID, HUNTING & ANS SUPV INSTALL - MANUAL (con't)

11484 Sales Expense	11477 Direct Cost			\$27.90
1480	11478			
11482	11479		Cost	
1482 Directly Assigned	11480	Calculation	Factor	Cost
11483 Product Management Expense D11483*E11477 0.040303 51.15 11484 Sales Expense D11485*E11477 0.040300 50.04 11485 Product Advertising Expense D11485*E11477 0.000000 50.04 11486 Business Fees (Other Operating Taxes) D11486*E11477. E11485) 52.84 11487 Directly Assigned Costs Sum(E1147*E11486) 52.84 11487 Directly Assigned Costs Sum(E1147*E11486) 52.84 11489 Total Direct Costs E1147*E11487 E11487 E11487 11490 Total Direct Costs E1147*E11487 E11487 E11487 11490 Directly Astiributed E11497*E11489 0.056129 51.77 11491 Directly Astiributed E11497*E11489 0.056129 51.77 11492 Network Operations D11492*E11489 0.056729 51.77 11493 Network Support Assets D11493*E11489 0.05704 51.78 11494 General Support Assets D11494*E11489 0.05704 51.78 11495 General Purpose Computers D11495*E11489 0.001136 50.00 11497 Accounting & Finance Expense D11495*E11489 0.001136 50.00 11498 Human Resources Expense D11495*E11489 0.00680 50.00 11501 Directly Attributed Costs D11495*E11489 0.00680 50.00 11501 Directly Attributed Costs Sum(E11492*E11500) S0.00 11501 Directly Attributed Costs Sum(E11492*E11500) S0.00 11502 E11503 0.00682 50.00 11505 Common E1160*Expense D1150*E11503 0.00682 50.00 11506 External Relations Expense D1150*E11503 0.00682 50.00 11507 Planning Expense D1150*E11503 0.00733 50.20 11510 Other Procurement Expense D1150*E11503 0.00733 50.20 11511 Common Costs Sum(E1150*E11512) S0.00 11512 Other General and Admin Expense D1150*E11503 0.000733 50.20 11513 Common Costs Sum(E1150*E11512) S0.00 11515 Common Costs Sum(E1150*E11512) S0.00 11516 Common Costs Sum(E1150*E11512) S0.00 11516 Common Costs Sum(E1150*E11512) S0.00 11516 Common Costs Sum(E1150*E11512) S0.00 11517 Common Costs	11481	ВС	D	E
11484 Sales Expense	11482 Directly Assigned			
11485 Product Ávertising Expense D11486*E11477 0.000000 \$0.00 11486 Business Fees (Other Operating Taxes) D11486*Sum(E11477:E11485) 0.042595 \$1.22 11487 D1487 D	11483 Product Management Expense	D11483*E11477	0.040393	\$1.13
11486 Business Fees (Oliner Operating Taxes)	11484 Sales Expense	D11484*E11477	0.014960	\$0.42
11486 Business Fees (Oliner Operating Taxes)	11485 Product Advertising Expense	D11485*E11477	0.000000	\$0.00
11488		D11486*Sum(E11477:E11485)	0.042595	\$1.25
11489 Total Direct Costs	11487 Directly Assigned Costs	Sum(E11477:E11486)		\$2.80
11490	11488	·		
11491 Directly Attributed	11489 Total Direct Costs	E11477+E11487		\$30.70
11492 Network Operations D11492*E11489 0.056129 \$1.72 \$1.433 Network Support Assets D11493*E11489 0.014074 \$0.43 \$1.439 Network Support Assets D11493*E11489 0.014074 \$0.43 \$1.439 Network Support Assets D11494*E11489 0.057904 \$1.73 \$1.495 Network Support Assets D11495*E11489 0.040926 \$1.26 \$1.26 \$1.495 Netrollectible D11496*E11489 0.001136 \$0.03 \$1.497 Netrollectible D11496*E11489 0.001136 \$0.03 \$1.497 Netrollectible D11496*E11489 0.001136 \$0.03 \$1.497 Netrollectible D11495*E11489 0.001136 \$0.03 \$1.497 Netrollectible D11495*E11489 0.001136 \$0.03 \$1.497 Netrollectible D11495*E11489 0.00808 \$0.33 \$1.499 Netrollectible D11495*E11489 0.00808 \$0.33 \$1.499 Netrollectible D11495*E11489 0.00808149 \$2.03 \$1.500 Netrollectible D11500*E11489 0.002634 \$0.06 \$1.500 Netrollectible D11500*E11489 0.002634 \$0.06 \$1.500 Netrollectible D11500*E11489 \$0.002634 \$0.06 \$1.500 Netrollectible D11500*E11492*E11500 \$1.500 Netrollectible \$				•
11493 Network Support Assets	11491 Directly Attributed			
11494 General Support Assets		D11492*E11489	0.056129	\$1.72
11495 General Purpose Computers	11493 Network Support Assets	D11493*E11489	0.014074	\$0.43
11496 Uncollectible	11494 General Support Assets	D11494*E11489	0.057904	\$1.78
11497 Accounting & Finance Expense D11497*E11489 0.010471 \$0.33 11498 Human Resources Expense D11498*E11489 0.009808 \$0.30 11499 Information Management Expense D11499*E11489 0.068149 \$2.00 11500 Intangibles D11500*E11489 0.002634 \$0.00 11501 Directly Attributed Costs Sum(E11492:E11500) \$38.03 11502 Sum(E11492:E11501) \$38.73 11504 Sum(E11493 Sum(E11503 Sum(E11493 Sum(E11503 Sum(E1	11495 General Purpose Computers	D11495*E11489	0.040926	\$1.26
11498 Human Resources Expense D11498*E11489 0.009808 \$0.30 11499 Information Management Expense D11499*E11489 0.068149 \$2.05 11501 Intangibles D11500*E11489 0.002634 \$0.06 11501 Directly Attributed Costs Sum(E11492:E11500) \$8.02 11502 Tellow E11492+E11501 \$38.72 11504 Tellow T1505 Common T1506 Executive Expense D11506*E11503 0.008052 \$0.31 11507 Planning Expense D11507*E11503 0.000682 \$0.03 11508 External Relations Expense D11508*E11503 0.009631 \$0.33 11509 Legal Expense D11509*E11503 0.0097338 \$0.26 11510 Other Procurement Expense D11509*E11503 0.0077338 \$0.26 11511 Research & Development Expense D11511*E11503 0.002772 \$0.17 11512 Other General and Admin Expense D11512*E11503 0.019104 \$0.74 11513 Common Costs Sum(E11506:E11512) \$1.86	11496 Uncollectible	D11496*E11489	0.001136	\$0.03
11499 Information Management Expense D11499*E11489 0.0068149 \$2.05 11500 Intangibles D11500*E11489 0.002634 \$0.06 11501 Directly Attributed Costs Sum(E11492:E11500) \$8.02 11502 Sum(E11492:E11501) \$38.72 11503 TELRIC E11492+E11501 \$38.72 11504 Telric Sumon	11497 Accounting & Finance Expense	D11497*E11489	0.010471	\$0.32
11500 Intangibles D11500*E11489 0.002634 \$0.00 11501 Directly Attributed Costs Sum(E11492:E11500) \$8.00 11502 Sum(E11492:E11501 \$38.70 11503 TELRIC E11492+E11501 \$38.70 11504 Sumon	11498 Human Resources Expense	D11498*E11489	0.009808	\$0.30
11501 Directly Attributed Costs Sum(E11492:E11500) \$8.07 11502	11499 Information Management Expense	D11499*E11489	0.068149	\$2.09
11502 11503 TELRIC 11504 11505 Common 11506 Executive Expense 11506 Planning Expense 11507 Planning Expense 11508 External Relations Expense 11509 Legal Expense 11500 Other Procurement Expense 11510 Other Procurement Expense 11511 Research & Development Expense 11512 Other General and Admin Expense 11513 Common Costs 11514 11514 11514 11514 E11492+E11501 \$38.72 11503 0.008052 \$0.03 1.000682 \$0.000682	11500 Intangibles	D11500*E11489	0.002634	\$0.08
11503 TELRIC E11492+E11501 \$38.72 11504 11505 Common 11505 Executive Expense D11506*E11503 0.008052 \$0.37 11507 Planning Expense D11507*E11503 0.000682 \$0.00 11508 External Relations Expense D11508*E11503 0.009631 \$0.37 11510 Other Procurement Expense D11510*E11503 0.002772 \$0.1* 11511 Qiormon Costs D11512*E11503 0.019104 \$0.74 11513 Common Costs Sum(E11506:E11512) \$1.84 11514 Sum(E11506:E11512) \$1.84	11501 Directly Attributed Costs	Sum(E11492:E11500)		\$8.02
11504 11505 Common 11506 Executive Expense D11506*E11503 0.008052 \$0.03 11507 Planning Expense D11507*E11503 0.000682 \$0.03 11508 External Relations Expense D11508*E11503 0.009631 \$0.3 11509 Legal Expense D11509*E11503 0.007338 \$0.25 11510 Other Procurement Expense D11510*E11503 0.002772 \$0.11 11511 Research & Development Expense D11511*E11503 0.000042 \$0.00 11512 Other General and Admin Expense D11512*E11503 0.019104 \$0.74 11513 Common Costs Sum(E11506:E11512) \$1.84				
11505 Common 11506 Executive Expense D11506*E11503 0.008052 \$0.3' 11507 Planning Expense D11507*E11503 0.000682 \$0.00 11508 External Relations Expense D11508*E11503 0.009631 \$0.3' 11509 Legal Expense D11509*E11503 0.007338 \$0.2' 11510 Other Procurement Expense D11510*E11503 0.002772 \$0.1' 11511 Research & Development Expense D11511*E11503 0.000042 \$0.00 11512 Other General and Admin Expense D11512*E11503 0.019104 \$0.74 11513 Common Costs Sum(E11506:E11512) \$1.80		E11492+E11501		\$38.72
11506 Executive Expense D11506*E11503 0.008052 \$0.37 11507 Planning Expense D11507*E11503 0.000682 \$0.03 11508 External Relations Expense D11508*E11503 0.009631 \$0.37 11509 Legal Expense D11509*E11503 0.007338 \$0.26 11510 Other Procurement Expense D11510*E11503 0.002772 \$0.17 11511 Research & Development Expense D11511*E11503 0.000042 \$0.00 11512 Other General and Admin Expense D11512*E11503 0.019104 \$0.77 11513 Common Costs Sum(E11506:E11512) \$1.86 11514				
11507 Planning Expense D11507*E11503 0.000682 \$0.00 11508 External Relations Expense D11508*E11503 0.009631 \$0.37 11509 Legal Expense D11509*E11503 0.007338 \$0.28 11510 Other Procurement Expense D11510*E11503 0.002772 \$0.1° 11511 Research & Development Expense D11511*E11503 0.000042 \$0.00 11512 Other General and Admin Expense D11512*E11503 0.019104 \$0.7° 11513 Common Costs Sum(E11506:E11512) \$1.8° 11514				
11508 External Relations Expense D11508*E11503 0.009631 \$0.37 11509 Legal Expense D11509*E11503 0.007338 \$0.26 11510 Other Procurement Expense D11510*E11503 0.002772 \$0.1° 11511 Research & Development Expense D11511*E11503 0.000042 \$0.00 11512 Other General and Admin Expense D11512*E11503 0.019104 \$0.74 11513 Common Costs Sum(E11506:E11512) \$1.80 11514				
11509 Legal Expense D11509*E11503 0.007338 \$0.28 11510 Other Procurement Expense D11510*E11503 0.002772 \$0.17 11511 Research & Development Expense D11511*E11503 0.000042 \$0.00 11512 Other General and Admin Expense D11512*E11503 0.019104 \$0.74 11513 Common Costs Sum(E11506:E11512) \$1.84 11514 11514 \$1.84				
11510 Other Procurement Expense D11510*E11503 0.002772 \$0.17 11511 Research & Development Expense D11511*E11503 0.000042 \$0.00 11512 Other General and Admin Expense D11512*E11503 0.019104 \$0.74 11513 Common Costs Sum(E11506:E11512) \$1.84 11514 \$1.84				\$0.37
11511 Research & Development Expense D11511*E11503 0.000042 \$0.00 11512 Other General and Admin Expense D11512*E11503 0.019104 \$0.74 11513 Common Costs Sum(E11506:E11512) \$1.84 11514				\$0.28
11512 Other General and Admin Expense D11512*E11503 0.019104 \$0.74 11513 Common Costs Sum(E11506:E11512) \$1.84 11514				\$0.11
11513 Common Costs Sum(E11506:E11512) \$1.84 11514				\$0.00
11514			0.019104	\$0.74
·		Sum(E11506:E11512)		\$1.84
11515 TELRIC + Common Costs E11503+E11513 \$40.56				
	11515 TELRIC + Common Costs	E11503+E11513		\$40.56

Qwest Advice No. 3376T Page 623 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B Study Year: 2001

Analyst: Deffley/Eoriatti
Product Group: Interconnection

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	1
						B * (C Thru F)		H * (G/60)
NEW UNE-P ADV TRUNKS - TWO-WAY TRK W/DID, HUNTING & ANS SUPV DISCONNECT - MECH								
DISCONNECT								
-INTERCONNECT SERVICE CENTER								
Time estimate(s) ordered by commission staff.	_							
Process order	6	1.000				6.00	\$40.03	\$4.00
Subtotal - INTERCONNECT SERVICE CENTER						6.00		\$4.00
-DESIGN SERVICE CENTER - IMPLEMENTOR								
.70 probability reflects 30% reduction to work time estimates ordered								
.042 based on average of 24 members								
per group (1/24)	4.0	0.040	0.700			2.22	0.10.01	
Screen WFA (Work Force Administration) for circuit	10	0.042	0.700			0.29	\$43.81	\$0.21
Verify LNO (Local Network Operation) completion	10	0.042	0.700			0.29	\$43.81	\$0.21
Test Circuit	25	0.042	0.700			0.74	\$43.81	\$0.54
Contact Customer	5	0.042	0.700			0.15	\$43.81	\$0.11
Complete circuit in WFA/C (Work Force Administration - Control Module)	10	0.042	0.700			0.29	\$43.81	\$0.21
Subtotal - DESIGN SERVICE CENTER - IMPLEMENTOR						1.76		\$1.29
Total For Service:						7.76		\$5.29

Qwest Advice No. 3376T Page 624 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G	Н	
						B * (C Thru F)		H * (G/60)

NEW UNE-P ADV TRUNKS - TWO-WAY TRK W/DID, HUNTING & ANS SUPV DISCONNECT - MECH (con't)

11567 Direct Cost			\$5.29
11568			
11569	Cost	Cost	
11570	Calculation	Factor	Cost
11571	ВС	D	Е
11572 Directly Assigned			-
11573 Product Management Expense	D11573*E11567	0.040393	\$0.21
11574 Sales Expense	D11574*E11567	0.014960	\$0.08
11575 Product Advertising Expense	D11575*E11567	0.000000	\$0.00
11576 Business Fees (Other Operating Taxes)	D11576*Sum(E11567:E11575)	0.042595	\$0.24
11577 Directly Assigned Costs	Sum(E11567:E11576)		\$0.53
11578			
11579 Total Direct Costs	E11567+E11577		\$5.82
11580			
11581 Directly Attributed			_
11582 Network Operations	D11582*E11579	0.056129	\$0.33
11583 Network Support Assets	D11583*E11579	0.014074	\$0.08
11584 General Support Assets	D11584*E11579	0.057904	\$0.34
11585 General Purpose Computers	D11585*E11579	0.040926	\$0.24
11586 Uncollectible	D11586*E11579	0.001136	\$0.01
11587 Accounting & Finance Expense	D11587*E11579	0.010471	\$0.06
11588 Human Resources Expense	D11588*E11579	0.009808	\$0.06
11589 Information Management Expense	D11589*E11579	0.068149	\$0.40
11590 Intangibles	D11590*E11579	0.002634	\$0.02
11591 Directly Attributed Costs	Sum(E11582:E11590)		\$1.52
11592			
11593 TELRIC	E11582+E11591		\$7.34
11594 11595 Common			
	D11596*E11593	0.008052	\$0.06
11596 Executive Expense 11597 Planning Expense	D11596 E11593 D11597*E11593	0.000682	\$0.06
	D11597 E11593 D11598*E11593	0.000662	
11598 External Relations Expense 11599 Legal Expense	D11598*E11593 D11599*E11593	0.009631	\$0.07 \$0.05
11600 Other Procurement Expense	D11599 E11593 D11600*E11593	0.007338	\$0.05
11601 Research & Development Expense	D11600*E11593 D11601*E11593	0.002772	\$0.02
11602 Other General and Admin Expense	D11601 E11593 D11602*E11593	0.000042	\$0.00
11603 Common Costs	Sum(E11596:E11602)	0.019104	\$0.14
11604	Sum(E11390:E11602)		φυ.35
11605 TELRIC + Common Costs	E11593+E11603		\$7.69
11000 ILLINO T COMMON COSts	LIIJJJTLIIUUJ		ψ1.09

Qwest Advice No. 3376T Page 625 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	B	C	D	E	# ** F	G	H	
						B * (C Thru F)		H * (G/6
UNE-P ADV TRUNKS - TWO-WAY TRK W/DID, HUNTING & ANS SUPV DISCONNECT - MANU.	4 <i>L</i>							
CONNECT*								
RCONNECT SERVICE CENTER								
NO MANUAL ISC TIMES PREVIOUSLY FILED IN THIS DOCKET, THEREFORE, CURRENT QWEST ISC TIMES APPLIED.								
.70 probability reflects 30% reduction to work time estimates ordered Reviews LSR for completeness and accuracy, validate circuit/trunks belongs to the								
co-provider Receive LSR	3	1.000	0.700			2.10	\$39.16	
Verifies existing account (access CSR in BOSS/CARS) and obtains closing bill address	3	1.000	0.700			2.10	Ф 39.10	
if applicable Verify existing account	2	1.000	0.700			1.40	\$39.16	
Type, review and submit to customer the Firm Order Confirmation (FOC)							*	
Review FOC Input disconnect order into the service order processor (manually typing and	2	1.000	0.700			1.40	\$39.16	
formatting of all order for billing and provisioning)								
Issue service order	10	1.000	0.700			7.00	\$39.16	
Customer Request Management (CRM)	3	1.000	0.700			2.10	\$39.16	
Ensure order is successfully distributed to the systems and is ready for provisioning	•	4 000	0.700			0.40	000.40	
Service order Analysis & Control (SOAC)	3	1.000	0.700			2.10	\$39.16	
tal - INTERCONNECT SERVICE CENTER						16.10		\$
IGN SERVICE CENTER - IMPLEMENTOR								
.70 probability reflects 30% reduction to work time estimates ordered .042 based on average of 24 members								
per group (1/24)								
Screen WFA (Work Force Administration) for circuit	10	0.042	0.700			0.29	\$43.81	
Verify LNO (Local Network Operation) completion	10	0.042	0.700			0.29	\$43.81	
Test Circuit	25	0.042	0.700			0.74	\$43.81	
Contact Customer	.5	0.042	0.700			0.15	\$43.81	
Complete circuit in WFA/C (Work Force Administration - Control Module)	10	0.042	0.700			0.29	\$43.81	
tal - DESIGN SERVICE CENTER - IMPLEMENTOR						1.76		
			·					
For Service:						17.86		,

Qwest Advice No. 3376T Page 626 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G	Н	
						B * (C Thru F)		H * (G/60)

NEW UNE-P ADV TRUNKS - TWO-WAY TRK W/DID, HUNTING & ANS SUPV DISCONNECT - MANUAL (con't)

11657 Direct Cost			\$11.80
11658			
11659	Cost	Cost	
11660	Calculation	Factor	Cost
11661	ВС	D	Е
11662 Directly Assigned			
11663 Product Management Expense	D11663*E11657	0.040393	\$0.48
11664 Sales Expense	D11664*E11657	0.014960	\$0.18
11665 Product Advertising Expense	D11665*E11657	0.000000	\$0.00
11666 Business Fees (Other Operating Taxes)	D11666*Sum(E11657:E11665)	0.042595	\$0.53
11667 Directly Assigned Costs	Sum(E11657:E11666)		\$1.18
11668	· · · · · · · · · · · · · · · · · · ·		
11669 Total Direct Costs	E11657+E11667		\$12.98
11670			
11671 Directly Attributed			
11672 Network Operations	D11672*E11669	0.056129	\$0.73
11673 Network Support Assets	D11673*E11669	0.014074	\$0.18
11674 General Support Assets	D11674*E11669	0.057904	\$0.75
11675 General Purpose Computers	D11675*E11669	0.040926	\$0.53
11676 Uncollectible	D11676*E11669	0.001136	\$0.01
11677 Accounting & Finance Expense	D11677*E11669	0.010471	\$0.14
11678 Human Resources Expense	D11678*E11669	0.009808	\$0.13
11679 Information Management Expense	D11679*E11669	0.068149	\$0.88
11680 Intangibles	D11680*E11669	0.002634	\$0.03
11681 Directly Attributed Costs	Sum(E11672:E11680)		\$3.39
11682			
11683 TELRIC	E11672+E11681		\$16.37
11684			
11685 Common			
11686 Executive Expense	D11686*E11683	0.008052	\$0.13
11687 Planning Expense	D11687*E11683	0.000682	\$0.01
11688 External Relations Expense	D11688*E11683	0.009631	\$0.16
11689 Legal Expense	D11689*E11683	0.007338	\$0.12
11690 Other Procurement Expense	D11690*E11683	0.002772	\$0.05
11691 Research & Development Expense	D11691*E11683	0.000042	\$0.00
11692 Other General and Admin Expense	D11692*E11683	0.019104	\$0.31
11693 Common Costs	Sum(E11686:E11692)		\$0.78
11694		·	
11695 TELRIC + Common Costs	E11683+E11693		\$17.15

Qwest Advice No. 3376T Page 627 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B Study Year: 2001

Analyst: Deffley/Eoriatti
Product Group: Interconnection

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	В	С	D	E	F	G B * (C Thru F)	Н	I H * (G/60)
NEW UNE-P COMPLEX TRANSLATIONS DIGITS OUTPULSED CHANGE SIGNALING								
* <u>ADD*</u>								
-ADMINISTRATION PER CHANGE SIGNALING								
.66 & .34 probability % by switch type								
.70 probability reflects 30% reduction to work time estimates ordered	45	0.000	0.700			0.00	044.45	04.70
TRANSLATIONS - SW1 TRANSLATIONS - SW2	15 15	0.660 0.340	0.700 0.700			6.93 3.57	\$41.45 \$41.45	\$4.79 \$2.47
TRANSLATIONS - SW2	15	0.340	0.700			3.57	Ф41.45	•
Subtotal - ADMINISTRATION						10.50		\$7.25
Total For Service:						10.50		\$7.25

Qwest Advice No. 3376T Page 628 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G	Н	[
						B * (C Thru F)		H * (G/60)

NEW UNE-P COMPLEX TRANSLATIONS DIGITS OUTPULSED CHANGE SIGNALING (con't)

11747 Direct Cost			\$7.25
11748			
11749	Cost	Cost	
11750	Calculation	Factor	Cost
11751	ВС	D	E
11752 Directly Assigned	<u> </u>		
11753 Product Management Expense	D11753*E11747	0.040393	\$0.29
11754 Sales Expense	D11754*E11747	0.014960	\$0.11
11755 Product Advertising Expense	D11755*E11747	0.000000	\$0.00
11756 Business Fees (Other Operating Taxes)	D11756*Sum(E11747:E11755)	0.042595	\$0.33
11757 Directly Assigned Costs	Sum(E11747:E11756)		\$0.73
11758			
11759 Total Direct Costs	E11747+E11757		\$7.98
11760			
11761 Directly Attributed			
11762 Network Operations	D11762*E11759	0.056129	\$0.45
11763 Network Support Assets	D11763*E11759	0.014074	\$0.11
11764 General Support Assets	D11764*E11759	0.057904	\$0.46
11765 General Purpose Computers	D11765*E11759	0.040926	\$0.33
11766 Uncollectible	D11766*E11759	0.001136	\$0.01
11767 Accounting & Finance Expense	D11767*E11759	0.010471	\$0.08
11768 Human Resources Expense	D11768*E11759	0.009808	\$0.08
11769 Information Management Expense	D11769*E11759	0.068149	\$0.54
11770 Intangibles	D11770*E11759	0.002634	\$0.02
11771 Directly Attributed Costs	Sum(E11762:E11770)		\$2.08
11772			
11773 TELRIC	E11762+E11771		\$10.07
11774			
11775 Common			••••
11776 Executive Expense	D11776*E11773	0.008052	\$0.08
11777 Planning Expense	D11777*E11773	0.000682	\$0.01
11778 External Relations Expense	D11778*E11773	0.009631	\$0.10
11779 Legal Expense	D11779*E11773	0.007338	\$0.07
11780 Other Procurement Expense	D11780*E11773	0.002772	\$0.03
11781 Research & Development Expense	D11781*E11773	0.000042	\$0.00
11782 Other General and Admin Expense	D11782*E11773	0.019104	\$0.19
11783 Common Costs	Sum(E11776:E11782)		\$0.48
11784			
11785 TELRIC + Common Costs	E11773+E11783		\$10.55

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Study Name: PART D FINAL ORDER NRC STUDY 7246 B Study Year: 2001

Analyst: Deffley/Eoriatti

Product Group: Interconnection

	rime	Prob	Prob	Prop	Prob	Аррнеа тіте	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G	Н	
						B * (C Thru F)		H * (G/60)
NEW UNE-P DID COMPLEX TRANSLATIONS SIGNALING CHANGE								
<u>*ADD*</u>								
-ADMINISTRATION								
PER SIGNALING CHANGE								
.66 & .34 probability % by switch type								
.70 probability reflects 30% reduction to work time estimates ordered								
TRANSLATIONS - SW1	35	0.660	0.700			16.17	\$41.45	\$11.17
TRANSLATIONS - SW2	35	0.340	0.700			8.33	\$41.45	\$5.75
Subtotal - ADMINISTRATION						24.50		\$16.93
Total For Service:						24.50		\$16.93

Qwest Advice No. 3376T Page 630 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G	Н	
						B * (C Thru F)		H * (G/60)

NEW UNE-P DID COMPLEX TRANSLATIONS SIGNALING CHANGE (con't)

11837 Direct Cost			\$16.93
11838			
11839	Cost	Cost	
11840	Calculation	Factor	Cost
11841	ВС	D	E
11842 Directly Assigned			
11843 Product Management Expense	D11843*E11837	0.040393	\$0.68
11844 Sales Expense	D11844*E11837	0.014960	\$0.25
11845 Product Advertising Expense	D11845*E11837	0.000000	\$0.00
11846 Business Fees (Other Operating Taxes)	D11846*Sum(E11837:E11845)	0.042595	\$0.76
11847 Directly Assigned Costs	Sum(E11837:E11846)		\$1.70
11848			
11849 Total Direct Costs	E11837+E11847		\$18.62
11850			
11851 Directly Attributed			
11852 Network Operations	D11852*E11849	0.056129	\$1.05
11853 Network Support Assets	D11853*E11849	0.014074	\$0.26
11854 General Support Assets	D11854*E11849	0.057904	\$1.08
11855 General Purpose Computers	D11855*E11849	0.040926	\$0.76
11856 Uncollectible	D11856*E11849	0.001136	\$0.02
11857 Accounting & Finance Expense	D11857*E11849	0.010471	\$0.20
11858 Human Resources Expense	D11858*E11849	0.009808	\$0.18
11859 Information Management Expense	D11859*E11849	0.068149	\$1.27
11860 Intangibles	D11860*E11849	0.002634	\$0.05
11861 Directly Attributed Costs	Sum(E11852:E11860)		\$4.86
11862	<u> </u>		
11863 TELRIC	E11852+E11861		\$23.49
11864			
11865 <i>Common</i>			
11866 Executive Expense	D11866*E11863	0.008052	\$0.19
11867 Planning Expense	D11867*E11863	0.000682	\$0.02
11868 External Relations Expense	D11868*E11863	0.009631	\$0.23
11869 Legal Expense	D11869*E11863	0.007338	\$0.17
11870 Other Procurement Expense	D11870*E11863	0.002772	\$0.07
11871 Research & Development Expense	D11871*E11863	0.000042	\$0.00
11872 Other General and Admin Expense	D11872*E11863	0.019104	\$0.45
11873 Common Costs	Sum(E11866:E11872)		\$1.12
11874			
11875 TELRIC + Common Costs	E11863+E11873		\$24.61

Qwest Advice No. 3376T Page 631 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B Study Year: 2001

Analyst: Deffley/Eoriatti
Product Group: Interconnection

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	В	C	D	E	F	G B * (C Thru F)	Н	I H * (G/60)
NEW UNE-P DID BLOCK COMPROMISE - MECHANIZED								
ADD								
-INTERCONNECT SERVICE CENTER Time estimate(s) ordered by commission staff. Process order	6	1.000				6.00	\$40.03	\$4.00
Subtotal - INTERCONNECT SERVICE CENTER						6.00		\$4.0
-NSAC .70 probability reflects 30% reduction to work time estimates ordered HNDL REQ FOR BLK COMPROMISE Subtotal - NSAC	6	0.700				4.20 4.20	\$37.78	\$2.64 \$2.6 4
TIME INCLUDED IN DID REQUEST INCLUDES THE FOLLOWING: RUNNING MARCH PACTRANSACTION PRINTING PAC FILE, SORTING PAC FILE BY SWITCH AND DUE DATE, CHANGING TO APPROPRIATE MARCH SWITCH PENDING FILE, ORDER ANALYSIS AND RUNNING ORI TRANSACTION. 20 probability AVG NUMBER OF LINES (5) 66 & .34 probability % BY SWITCH TYPE .15 probability % manual handled .70 probability reflects 30% reduction to work time estimates ordered RCMAC FOR SW1 RCMAC FOR SW2	ĺ	0.200 0.200	0.660 0.340	0.150 0.150	0.700 0.700		\$43.81 \$43.81	\$0.0 \$0.0
Subtotal - RCMAC						0.11		\$0.0
Total For Service:								

Qwest Advice No. 3376T Page 632 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	[
						B * (C Thru F)		H * (G/60)

NEW UNE-P DID BLOCK COMPROMISE - MECHANIZED (con't)

11934 Sales Expense	11927 Direct Cost			\$6.72
11930	11928			
11932 Directly Assigned	11929			
11932 Directly Assigned	11930		Factor	Cost
11933 Product Management Expense D1933*E11927 0.040333 50.27 11934 Sales Expense D11934*E111927 0.014960 50.10 11935 Product Advertising Expense D11935*E11927 0.000000 50.00 11936 Business Fees (Other Operating Taxes) D11936*Sum(E11927:E11936) 50.0255 50.30 11937 D1765*C11936 D11936*Sum(E11927:E11936) 50.0255 50.30 11937 D1765*C11936 D11936*Sum(E11927:E11936) 50.0255 50.30 11937 D1765*C11936 D11935*C11936 D11935*C11936 D11935*C11936 D11935*C11936 D11935*C11936 D11935*C11936 D11935*C11936 D11935*C11936 D11935*C11936 D11935*C11939 D.056129 S0.42 D11944*C11939 D.056129 S0.42 D11945*C11939 D.056129 S0.42 D11945	11931	ВС	D	E
11934 Sales Expense	11932 Directly Assigned	<u></u>		
11935 Product Advertising Expense D11936*Eun(El1927:E11935) 0.042595 \$0.00000 \$0.00000 \$0.000000 \$0.000000 \$0.000000 \$0.0000000000	11933 Product Management Expense	D11933*E11927	0.040393	\$0.27
11936 Business Fees (Other Operating Taxes)	11934 Sales Expense	D11934*E11927	0.014960	\$0.10
11938	11935 Product Advertising Expense	D11935*E11927	0.000000	\$0.00
11938	11936 Business Fees (Other Operating Taxes)	D11936*Sum(E11927:E11935)	0.042595	\$0.30
11939 Total Direct Costs		Sum(E11927:E11936)		\$0.67
11940 11941 Directly Attributed 11942 Directly Attributed 11943 Network Operations D11942*E11939 0.056129 \$0.42 11943 Network Support Assets D11943*E11939 0.014074 \$0.10 11944 General Support Assets D11945*E11939 0.057904 \$0.43 \$0.11945 Support Assets D11945*E11939 0.040926 \$0.30 \$0.30 \$0.90 \$	11938	· · · · · · · · · · · · · · · · · · ·		
11941 Directly Attributed 11942 Network Operations		E11927+E11937		\$7.40
11942 Network Operations D11942*E11939 0.056129 \$0.42 \$11943 Network Support Assets D11943*E11939 0.014074 \$0.10 \$0.10 \$11944 \$11939 0.057904 \$0.43 \$11945 \$1939 0.057904 \$0.43 \$11945 \$11939 0.040926 \$0.30 \$11945 \$11939 0.040926 \$0.30 \$11945 \$11939 0.040926 \$0.30 \$11945 \$11939 0.040926 \$0.30 \$11945 \$11939 0.001136 \$0.01 \$11947 \$1.008 \$11947 \$1.008 \$11947 \$1.008				•
11943 Network Support Assets				
11944 General Support Assets				
11945 General Purpose Computers				
11946 Uncollectible D11946*E11939 0.001136 \$0.01 11947 Accounting & Finance Expense D11947*E11939 0.010471 \$0.08 11948 Human Resources Expense D11948*E11939 0.009808 \$0.07 11949 Information Management Expense D11949*E11939 0.068149 \$0.50 11950 Intangibles D11950*E11939 0.002634 \$0.02 11951 Directly Attributed Costs Sum(E11942:E11950) \$1.93 11952		D11944*E11939		\$0.43
1947 Accounting & Finance Expense D11947*E11939 0.010471 \$0.08 1948 Human Resources Expense D11948*E11939 0.009808 \$0.07 1949 Information Management Expense D11949*E11939 0.068149 \$0.50 1949 Intorngibles D11950*E11939 0.002634 \$0.02 1951 Directly Attributed Costs Sum(E11942:E11950) \$1.93 1952		D11945*E11939	0.040926	\$0.30
1948 Human Resources Expense D11948*E11939 0.009808 \$0.07 1949 Information Management Expense D11949*E11939 0.068149 \$0.50 1950 Intangibles D11950*E11939 0.002634 \$0.02 1951 Directly Attributed Costs Sum(E11942:E11950) \$1.93 1952	11946 Uncollectible	D11946*E11939	0.001136	\$0.01
1949 Information Management Expense D11949*E11939 0.068149 \$0.50 1950 Intangibles D11950*E11939 0.002634 \$0.02 1951 Directly Attributed Costs Sum(E11942:E11950) \$1.93 1952 Sum(E11942:E11951 \$9.33 1954 Sumon		D11947*E11939		\$0.08
Intangibles D11950*E11939 0.002634 \$0.02 1951 Directly Attributed Costs Sum(E11942:E11950) \$1.93 1952 I1953 TELRIC E11942+E11951 \$9.33 11954 I1955 Common Sum(E11955 Common Costs Costs Costs Cost	11948 Human Resources Expense	D11948*E11939	0.009808	\$0.07
11951 Directly Attributed Costs Sum(E11942:E11950) \$1.932 11953 TELRIC E11942+E11951 \$9.33 11955 Common 11956 Executive Expense D11956*E11953 0.008052 \$0.08 11957 Planning Expense D11957*E11953 0.000682 \$0.01 11958 External Relations Expense D11958*E11953 0.009631 \$0.09 11950 Legal Expense D11959*E11953 0.007338 \$0.07 11960 Other Procurement Expense D11960*E11953 0.002772 \$0.03 11961 Research & Development Expense D11961*E11953 0.000042 \$0.00 11962 Other General and Admin Expense D11962*E11953 0.019104 \$0.18 11963 Common Costs Sum(E11956:E11962) \$0.44	11949 Information Management Expense	D11949*E11939	0.068149	\$0.50
1952 1953 TELRIC E11942+E11951 \$9.33 1954		D11950*E11939	0.002634	\$0.02
11953 TELRIC E11942+E11951 \$9.33 11954 11955 Common 11956 Executive Expense 0.008052 \$0.08 11957 Planning Expense 0.000682 \$0.01 11958 External Relations Expense 0.009631 \$0.09 11959 Legal Expense 0.11959*E11953 0.007338 \$0.07 11960 Other Procurement Expense 0.11960*E11953 0.002772 \$0.03 11961 Research & Development Expense 0.11961*E11953 0.000042 \$0.00 11962 Other General and Admin Expense 0.11962*E11953 0.019104 \$0.18 11963 Common Costs Sum(E11956:E11962) \$0.44 11964		Sum(E11942:E11950)		\$1.93
11954 11955 Common 11956 Executive Expense D11956*E11953 0.008052 \$0.00 11957 Planning Expense D11957*E11953 0.000682 \$0.01 11958 External Relations Expense D11958*E11953 0.009631 \$0.09 11959 Legal Expense D11959*E11953 0.007338 \$0.07 11960 Other Procurement Expense D11960*E11953 0.002772 \$0.03 11961 Research & Development Expense D11961*E11953 0.000042 \$0.00 11962 Other General and Admin Expense D11962*E11953 0.019104 \$0.18 11963 Common Costs Sum(E11956:E11962) \$0.44 11964 Sum(E11956:E11962) \$0.44				
11955 Common D11956*E11953 0.008052 \$0.08 11957 Planning Expense D11957*E11953 0.000682 \$0.01 11958 External Relations Expense D11958*E11953 0.009631 \$0.09 11959 Legal Expense D11959*E11953 0.007338 \$0.07 11960 Other Procurement Expense D11960*E11953 0.002772 \$0.03 11961 Research & Development Expense D11961*E11953 0.000042 \$0.00 11962 Other General and Admin Expense D11962*E11953 0.019104 \$0.18 11963 Common Costs Sum(E11956:E11962) \$0.44		E11942+E11951		\$9.33
11956 Executive Expense D11956*E11953 0.008052 \$0.08 11957 Planning Expense D11957*E11953 0.000682 \$0.01 11958 External Relations Expense D11958*E11953 0.009631 \$0.08 11959 Legal Expense D11959*E11953 0.007338 \$0.07 11960 Other Procurement Expense D11960*E11953 0.002772 \$0.03 11961 Research & Development Expense D11961*E11953 0.000042 \$0.00 11962 Other General and Admin Expense D11962*E11953 0.019104 \$0.18 11963 Common Costs Sum(E11956:E11962) \$0.44 11964				
11957 Planning Expense D11957*E11953 0.000682 \$0.01 11958 External Relations Expense D11958*E11953 0.009631 \$0.09 11959 Legal Expense D11959*E11953 0.007338 \$0.07 11960 Other Procurement Expense D11960*E11953 0.002772 \$0.03 11961 Research & Development Expense D11961*E11953 0.000042 \$0.00 11962 Other General and Admin Expense D11962*E11953 0.019104 \$0.18 11963 Common Costs Sum(E11956:E11962) \$0.44 11964				
11958 External Relations Expense D11958*E11953 0.009631 \$0.09 11959 Legal Expense D11959*E11953 0.007338 \$0.07 11960 Other Procurement Expense D11960*E11953 0.002772 \$0.03 11961 Research & Development Expense D11961*E11953 0.000042 \$0.00 11962 Other General and Admin Expense D11962*E11953 0.019104 \$0.18 11963 Common Costs Sum(E11956:E11962) \$0.44				
11959 Legal Expense D11959*E11953 0.007338 \$0.07 11960 Other Procurement Expense D11960*E11953 0.002772 \$0.03 11961 Research & Development Expense D11961*E11953 0.000042 \$0.00 11962 Other General and Admin Expense D11962*E11953 0.019104 \$0.18 11963 Common Costs Sum(E11956:E11962) \$0.44 11964				
11960 Other Procurement Expense D11960*E11953 0.002772 \$0.03 11961 Research & Development Expense D11961*E11953 0.000042 \$0.00 11962 Other General and Admin Expense D11962*E11953 0.019104 \$0.18 11963 Common Costs Sum(E11956:E11962) \$0.44 11964				
11961 Research & Development Expense D11961*E11953 0.000042 \$0.00 11962 Other General and Admin Expense D11962*E11953 0.019104 \$0.18 11963 Common Costs Sum(E11956:E11962) \$0.44 11964				
11962 Other General and Admin Expense D11962*E11953 0.019104 \$0.18 11963 Common Costs Sum(E11956:E11962) \$0.44 11964				\$0.03
11963 Common Costs Sum(E11956:E11962) \$0.44				\$0.00
11964			0.019104	\$0.18
··		Sum(E11956:E11962)		\$0.44
11965 TELRIC + Common Costs E11953+E11963 \$9.78				
	11965 TELRIC + Common Costs	E11953+E11963		\$9.78

Qwest Advice No. 3376T Page 633 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B Study Year: 2001

Analyst: Deffley/Eoriatti
Product Group: Interconnection

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	В	С	D	E	F	G	Н	
						B * (C Thru F)		H * (G/60)
NEW UNE-P DID BLOCK COMPROMISE - MANUAL								
ADD*								
INTERCONNECT SERVICE CENTER								
NO MANUAL ISC TIMES PREVIOUSLY FILED IN THIS DOCKET, THEREFORE, CURRENT QWEST ISC TIMES APPLIED.								
.70 probability reflects 30% reduction to work time estimates ordered SOA (Service Order Administrator) receives firm LSR (Local Service Request)								
via fax, screens for fatal rejects and log LSR Receive & screen LSR	5	1.000	0.700			2.50	\$39.16	\$2.
SDC (Service Delivery Coordinator) verifies address, and trunk info	5	1.000	0.700			3.50	\$39.16	Φ2.
from LSR and manually enters the service order into the SOP								
(Service Order Processor) Type order into SOP	10	1.000	0.700			7.00	\$39.16	\$4.
SDC faxes FOC (Firm Order Confirmation) to the co-provider	10	1.000	0.700			7.00	\$39.16	\$4.
and logs for tracking								
Fax FOC	2	1.000	0.700			1.40	\$39.16	\$0.
SDC accesses the order in the SOP and completes it	_							
Completes order in SOP	5	1.000	0.700			3.50	\$39.16	\$2.
Subtotal - INTERCONNECT SERVICE CENTER						15.40		\$10.
NSAC 70 nya bability yaflaata 20%/ yaduatian ta wayle tima aatimataa aydayad								
.70 probability reflects 30% reduction to work time estimates ordered HNDL REQ FOR BLK COMPROMISE	6	0.700				4.20	\$37.78	\$2.
HINDL KEQ FOR BLK COMPROMISE	0	0.700				4.20	φ31.10	Φ2.
ubtotal - NSAC						4.20		\$2.
RCMAC								
TIME INCLUDED IN DID REQUEST INCLUDES THE FOLLOWING: RUNNING MARCH PAGE	C TRANSACTION.							
TRANSACTION PRINTING PAC FILE, SORTING PAC FILE BY SWITCH AND DUE DATE,	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,							
CHANGING TO APPROPRIATE MARCH SWITCH PENDING FILE, ORDER ANALYSIS AND)							
RUNNING ORI TRANSACTION.								
.20 probability AVG NUMBER OF LINES (5)								
.66 & .34 probability % BY SWITCH TYPE .15 probability % manual handled								
.70 probability reflects 30% reduction to work time estimates ordered								
RCMAC FOR SW1	5	0.200	0.660	0.150	0.700		\$43.81	\$0
RCMAC FOR SW2	5	0.200	0.340	0.150	0.700	0.04	\$43.81	\$0
Subtotal - RCMAC						0.11		\$0.
adal Fay Camina						19.71		\$12.
otal For Service:						19./1		Φ12.

Qwest Advice No. 3376T Page 634 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G	Н	
						B * (C Thru F)		H * (G/60)

NEW UNE-P DID BLOCK COMPROMISE - MANUAL (con't)

12017 Direct Cost			\$12.77
12018			
12019	Cost	Cost	
12020	Calculation	Factor	Cost
12021	ВС	D	E
12022 Directly Assigned	<u>-</u>		
12023 Product Management Expense	D12023*E12017	0.040393	\$0.52
12024 Sales Expense	D12024*E12017	0.014960	\$0.19
12025 Product Advertising Expense	D12025*E12017	0.000000	\$0.00
12026 Business Fees (Other Operating Taxes)	D12026*Sum(E12017:E12025)	0.042595	\$0.57
12027 Directly Assigned Costs	Sum(E12017:E12026)		\$1.28
12028			
12029 Total Direct Costs	E12017+E12027		\$14.05
12030			
12031 Directly Attributed			
12032 Network Operations	D12032*E12029	0.056129	\$0.79
12033 Network Support Assets	D12033*E12029	0.014074	\$0.20
12034 General Support Assets	D12034*E12029	0.057904	\$0.81
12035 General Purpose Computers	D12035*E12029	0.040926	\$0.58
12036 Uncollectible	D12036*E12029	0.001136	\$0.02
12037 Accounting & Finance Expense	D12037*E12029	0.010471	\$0.15
12038 Human Resources Expense	D12038*E12029	0.009808	\$0.14
12039 Information Management Expense	D12039*E12029	0.068149	\$0.96
12040 Intangibles	D12040*E12029	0.002634	\$0.04
12041 Directly Attributed Costs	Sum(E12032:E12040)		\$3.67
12042			
12043 TELRIC	E12032+E12041		\$17.72
12044			
12045 Common			
12046 Executive Expense	D12046*E12043	0.008052	\$0.14
12047 Planning Expense	D12047*E12043	0.000682	\$0.01
12048 External Relations Expense	D12048*E12043	0.009631	\$0.17
12049 Legal Expense	D12049*E12043	0.007338	\$0.13
12050 Other Procurement Expense	D12050*E12043	0.002772	\$0.05
12051 Research & Development Expense	D12051*E12043	0.000042	\$0.00
12052 Other General and Admin Expense	D12052*E12043	0.019104	\$0.34
12053 Common Costs	Sum(E12046:E12052)		\$0.84
12054			
12055 TELRIC + Common Costs	E12043+E12053		\$18.57

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Study Name: PART D FINAL ORDER NRC STUDY 7246 B Study Year: 2001

Analyst: Deffley/Eoriatti
Product Group: Interconnection

Work Item	Minutes	11.4						
	mmaco	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G D * (O The F)	Н	
						B * (C Thru F)		H * (G/60)
UNE-P DID GROUP OF 20 NUMBERS INSTALL - MECHANIZED								
*								
RCONNECT SERVICE CENTER								
Time estimate(s) ordered by commission staff.								
Process order	6	1.000				6.00	\$40.03	\$4.00
tal - INTERCONNECT SERVICE CENTER						6.00		\$4.00
С								
∴70 probability reflects 30% reduction to work time estimates ordered								
.11 probability AVERAGE # OF BLOCKS OF 20 DID NUMBERS PER ORDER								
ASŚGN BLOĆK OF DID # PER TK GP	6	0.700	0.110			0.46	\$37.78	\$0.29
tal - NSAC						0.46		\$0.29
AC								
TIME INCLUDED IN DID REQUEST INCLUDES THE FOLLOWING: RUNNING MARCH PAC T	RANSACTION.							
PRINTING PAC FILE, SORTING PAC FILE BY SWITCH AND DUE DATE, CHANGING TO APP								
MARCH SWITCH PENDING FILE, ORDER ANALYSIS AND RUNNING ORI TRANSACTION.								
.66 & .34 probability % OF ACTIVITY BY SWITCH TYPE								
.15 probability % manual handled								
.70 probability reflects 30% reduction to work time estimates ordered	40	0.000	0.450	0.700		0.00	# 40.04	# 0.54
RCMAC TRANS 20 SEQ DID #'S 5E RCMAC TRANS 20 SEQ DID #'S DMS	10 5	0.660 0.340	0.150 0.150	0.700 0.700		0.69 0.18	\$43.81 \$43.81	\$0.51 \$0.13
NOWING TRAINS 20 SEQ DID # S DIVIS	5	0.340	0.150	0.700		0.16	φ 4 3.61	φυ.13
tal - RCMAC						0.87		\$0.64
For Service:						7.33		\$4.93

Qwest Advice No. 3376T Page 636 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	[
						B * (C Thru F)		H * (G/60)

NEW UNE-P DID GROUP OF 20 NUMBERS INSTALL - MECHANIZED (con't)

12108 12109 1210	12107 Direct Cost			\$4.93
12111 12112 12113 1211				
12112 Directly Assigned				
12113 Product Management Expense 12114*E12107 0.040393 \$0.20 12114 Sales Expense 12114*E12107 0.040393 \$0.07 12115 Product Advertising Expense 12115*E12107 0.000000 \$0.07 12116 Business Fees (Other Operating Taxes) 12116*E12107; E12115 0.042595 \$0.22 12117 Directly Assigned Costs Sum(E12107:E12116) \$0.042595 \$0.22 12119 Total Direct Costs E12107*E12117 \$5.42 12120 1		ВС	D	E
12114 Sales Expense	, ,			
12115 Produci Adventising Expense 12116 Fund(12107:E12115) 0.000000 0.000000 0.000000 0.000000 0.0000000 0.00000000				
12116 Business Fees (Other Operating Taxes)				
12117 Directly Assigned Costs	12115 Product Advertising Expense			
12118			0.042595	
12119 Total Direct Costs		Sum(E12107:E12116)		\$0.49
12120				
12121 Directly Attributed		E12107+E12117		\$5.42
12122 Network Operations				
12123 Network Support Assets				
12124 General Support Assets				
12125 General Purpose Computers				
12126 Uncollectible				
12127 Accounting & Finance Expense D12127*E12119 0.010471 \$0.06 12128 Human Resources Expense D12128*E12119 0.009808 \$0.05 12129 Information Management Expense D12129*E12119 0.068149 \$0.37 12130 Directly Attributed Costs Sum(E12122:E12130) \$1.42 12132 TELRIC E12122*E12131 \$6.84 12134 Telescart & Sum(E12122:E12131) \$0.008052 \$0.06 12137 Common Costs Costs				
12128 Human Resources Expense D12128*E12119 0.009808 \$0.05 12129 Information Management Expense D12129*E12119 0.068149 \$0.37 12130 Intangibles D12130*E12119 0.002634 \$0.01 12131 Directly Attributed Costs Sum(E12122:E12130) \$1.42 12132 E12132 E12131 \$6.84 12134 E12135 Common 12136 Executive Expense D12136*E12133 0.008052 \$0.06 12136 Executive Expense D12137*E12133 0.000682 \$0.00 12138 External Relations Expense D12138*E12133 0.009631 \$0.07 12139 Legal Expense D12139*E12133 0.007338 \$0.05 12140 Other Procurement Expense D12140*E12133 0.002772 \$0.02 12141 Research & Development Expense D12141*E12133 0.000042 \$0.00 12142 Other General and Admin Expense D12142*E12133 0.019104 \$0.13 12143 Common Costs Sum(E12136:E12142) \$0.33				
12129 Information Management Expense D1219*E12119 0.068149 \$0.37 12130 Intangibles D12130*E12119 0.002634 \$0.01 12131 Directly Attributed Costs Sum(E12122:E12130) \$1.42 12132 Sum(E12122:E12131) \$6.84 12134 Summon Sum				
12130 Intangibles D12130*E12119 0.002634 \$0.01 12131 Directly Attributed Costs Sum(E12122:E12130) \$1.42 12132 Sum(E12122:E12131) \$1.42 12133 TELRIC E12124*E12131 \$6.84 12134	· ·			
12131 Directly Attributed Costs Sum(E12122:E12130) \$1.42 12132 TELRIC E12122+E12131 \$6.84 12134 Telric E12136*E12133 0.008052 \$0.06 12135 Common D12136*E12133 0.008052 \$0.06 12137 Planning Expense D12137*E12133 0.009631 \$0.00 12138 External Relations Expense D12138*E12133 0.009631 \$0.05 12140 Other Procurement Expense D12140*E12133 0.002772 \$0.02 12141 Research & Development Expense D12141*E12133 0.000042 \$0.00 12142 Other General and Admin Expense D12142*E12133 0.019104 \$0.13 12143 Common Costs Sum(E12136:E12142) \$0.33 12144				
12132 12133 TELRIC E1212±E12131 \$6.84 12134			0.002634	
12133 TELRIC E12122+E12131 \$6.84 12134 12135 Common 12136 Executive Expense D12136*E12133 0.008052 \$0.06 12136 Executive Expense D12137*E12133 0.000682 \$0.00 12137 Planning Expense D12138*E12133 0.009631 \$0.07 12139 Legal Expense D12139*E12133 0.007338 \$0.05 12140 Other Procurement Expense D12140*E12133 0.002772 \$0.02 12141 Research & Development Expense D12141*E12133 0.000042 \$0.00 12142 Other General and Admin Expense D12142*E12133 0.019104 \$0.13 12143 Common Costs Sum(E12136:E12142) \$0.33 12144		Sum(E12122:E12130)		\$1.42
12134 12135 Common 12136 Executive Expense D12136*E12133 0.008052 \$0.00 12137 Planning Expense D12137*E12133 0.000682 \$0.00 12138 External Relations Expense D12138*E12133 0.009631 \$0.07 12139 Legal Expense D12139*E12133 0.007338 \$0.05 12140 Other Procurement Expense D12140*E12133 0.002772 \$0.02 12141 Research & Development Expense D12141*E12133 0.000042 \$0.00 12142 Other General and Admin Expense D12142*E12133 0.019104 \$0.13 12143 Common Costs Sum(E12136:E12142) \$0.33 12144		F12122+F12131		\$6.84
12136 Executive Expense D12136*E12133 0.008052 \$0.06 12137 Planning Expense D12137*E12133 0.000682 \$0.00 12138 External Relations Expense D12138*E12133 0.009631 \$0.07 12139 Legal Expense D12139*E12133 0.007338 \$0.05 12140 Other Procurement Expense D12140*E12133 0.002772 \$0.02 12141 Research & Development Expense D12141*E12133 0.000042 \$0.00 12142 Other General and Admin Expense D12142*E12133 0.019104 \$0.13 12143 Common Costs Sum(E12136:E12142) \$0.33 12144				ψ0.0 1
12137 Planning Expense D1213*E12133 0.000682 \$0.00 12138 External Relations Expense D1213*E12133 0.009631 \$0.07 12139 Legal Expense D12139*E12133 0.007338 \$0.05 12140 Other Procurement Expense D12140*E12133 0.002772 \$0.02 12141 Research & Development Expense D12141*E12133 0.000042 \$0.03 12142 Other General and Admin Expense D12142*E12133 0.019104 \$0.13 12143 Common Costs Sum(E12136:E12142) \$0.33 12144	12135 Common			
12138 External Relations Expense D12138*E12133 0.009631 \$0.07 12139 Legal Expense D12139*E12133 0.007338 \$0.05 12140 Other Procurement Expense D12140*E12133 0.002772 \$0.02 12141 Research & Development Expense D12141*E12133 0.000042 \$0.00 12142 Other General and Admin Expense D12142*E12133 0.019104 \$0.13 12143 Common Costs Sum(E12136:E12142) \$0.33 12144	12136 Executive Expense	D12136*E12133	0.008052	\$0.06
12139 Legal Expense D12139*E12133 0.007338 \$0.05 12140 Other Procurement Expense D12140*E12133 0.002772 \$0.02 12141 Research & Development Expense D1241*E12133 0.000042 \$0.00 12142 Other General and Admin Expense D12142*E12133 0.019104 \$0.13 12143 Common Costs Sum(E12136:E12142) \$0.33 12144	12137 Planning Expense	D12137*E12133	0.000682	\$0.00
12140 Other Procurement Expense D12140*E12133 0.002772 \$0.02 12141 Research & Development Expense D12141*E12133 0.000042 \$0.00 12142 Other General and Admin Expense D12142*E12133 0.019104 \$0.13 12143 Common Costs Sum(E12136:E12142) \$0.33 12144	12138 External Relations Expense	D12138*E12133	0.009631	\$0.07
12141 Research & Development Expense D12141*E12133 0.000042 \$0.00 12142 Other General and Admin Expense D12142*E12133 0.019104 \$0.13 12143 Common Costs Sum(E12136:E12142) \$0.33 12144	12139 Legal Expense	D12139*E12133	0.007338	\$0.05
12142 Other General and Admin Expense D12142*E12133 0.019104 \$0.13 12143 Common Costs Sum(E12136:E12142) \$0.33 12144	12140 Other Procurement Expense	D12140*E12133	0.002772	\$0.02
12143 Common Costs Sum(E12136:E12142) \$0.33 12144	12141 Research & Development Expense	D12141*E12133	0.000042	\$0.00
12144	12142 Other General and Admin Expense	D12142*E12133	0.019104	\$0.13
	12143 Common Costs	Sum(E12136:E12142)		\$0.33
12145 TELRIC + Common Costs E12133+E12143 \$7.17	12144			
	12145 TELRIC + Common Costs	E12133+E12143		\$7.17

Qwest Advice No. 3376T Page 637 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B Study Year: 2001

Analyst: Deffley/Eoriatti
Product Group: Interconnection

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	В	С	D	Е	F	G B * (C Thru F)	Н	I H * (G/60)
NEW UNE-P DID GROUP OF 20 NUMBERS INSTALL - MANUAL								
ADD								
-INTERCONNECT SERVICE CENTER NO MANUAL ISC TIMES PREVIOUSLY FILED IN THIS DOCKET, THEREFORE, CURRENT QWEST ISC TIMES APPLIED. .70 probability reflects 30% reduction to work time estimates ordered SOA (Service Order Administrator) receives firm LSR (Local Service Request)								
via fax, screens for fatal rejects and log LSR Receive & screen LSR SDC (Service Delivery Coordinator) verifies address, and trunk info from LSR and manually enters the service order into the SOP	5	1.000	0.700			3.50	\$39.16	\$2.28
(Service Order Processor) Type order into SOP SDC faxes FOC (Firm Order Confirmation) to the co-provider	10	1.000	0.700			7.00	\$39.16	\$4.57
and logs for tracking Fax FOC	2	1.000	0.700			1.40	\$39.16	\$0.91
SDC accesses the order in the SOP and completes it Completes order in SOP	5	1.000	0.700			3.50	\$39.16	\$2.28
Subtotal - INTERCONNECT SERVICE CENTER						15.40		\$10.05
-NSAC .70 probability reflects 30% reduction to work time estimates ordered .11 probability AVERAGE # OF BLOCKS OF 20 DID NUMBERS PER ORDER ASSGN BLOCK OF DID # PER TK GP	6	0.700	0.110			0.46	\$37.78	\$0.29
Subtotal - NSAC						0.46		\$0.29
-RCMAC TIME INCLUDED IN DID REQUEST INCLUDES THE FOLLOWING: RUNNING MARCH P PRINTING PAC FILE, SORTING PAC FILE BY SWITCH AND DUE DATE, CHANGING TO MARCH SWITCH PENDING FILE, ORDER ANALYSIS AND RUNNING ORI TRANSACTIO .66 & .34 probability % OF ACTIVITY BY SWITCH TYPE .15 probability % manual handled .70 probability reflects 30% reduction to work time estimates ordered RCMAC TRANS 20 SEQ DID #S 5E RCMAC TRANS 20 SEQ DID #S DMS	APPROPRIATE	0.660 0.340	0.150 0.150	0.700 0.700		0.69 0.18	\$43.81 \$43.81	\$0.51 \$0.13
Subtotal - RCMAC						0.87		\$0.64
						16.73		\$10.98
Total For Service:						10.73		\$10.98

Qwest Advice No. 3376T Page 638 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	[
						B * (C Thru F)		H * (G/60)

NEW UNE-P DID GROUP OF 20 NUMBERS INSTALL - MANUAL (con't)

12197 Direct Cost			\$10.
12198	- A		
12199	Cost	Cost	
12200	Calculation	Factor	Cost
12201	ВС	D	E
12202 Directly Assigned			
12203 Product Management Expense	D12203*E12197	0.040393	\$0.
12204 Sales Expense	D12204*E12197	0.014960	\$0.
12205 Product Advertising Expense	D12205*E12197	0.000000	\$0.
12206 Business Fees (Other Operating Taxes)	D12206*Sum(E12197:E12205)	0.042595	<u>\$0.</u>
12207 Directly Assigned Costs	Sum(E12197:E12206)		\$1.
12208			
12209 Total Direct Costs	E12197+E12207		\$12.
12210			
12211 Directly Attributed			
12212 Network Operations	D12212*E12209	0.056129	\$0.
12213 Network Support Assets	D12213*E12209	0.014074	\$0
12214 General Support Assets	D12214*E12209	0.057904	\$0
12215 General Purpose Computers	D12215*E12209	0.040926	\$0
12216 Uncollectible	D12216*E12209	0.001136	\$0
12217 Accounting & Finance Expense	D12217*E12209	0.010471	\$0.
12218 Human Resources Expense	D12218*E12209	0.009808	\$0.
12219 Information Management Expense	D12219*E12209	0.068149	\$0.
12220 Intangibles	D12220*E12209	0.002634	\$0
12221 Directly Attributed Costs	Sum(E12212:E12220)		\$3.
12222 12223 TELRIC	E12212+E12221		* 4 <i>E</i>
12224	E1ZZ1Z+E1ZZZ1		\$15
12225 Common			
12226 Executive Expense	D12226*E12223	0.008052	\$0.
12227 Planning Expense	D12226 E12223 D12227*E12223	0.006052	\$0 \$0
12228 External Relations Expense	D12227 E12223 D12228*E12223	0.000682	\$0 \$0
12229 Legal Expense	D12229*E12223	0.009031	\$0 \$0
12230 Other Procurement Expense	D12229 E12223 D12230*E12223	0.007338	\$0
12231 Research & Development Expense	D12230 E12223 D12231*E12223	0.002772	\$0. \$0.
12232 Other General and Admin Expense	D12231*E12223 D12232*E12223	0.000042	\$0 \$0
12232 Other General and Admiri Expense 12233 Common Costs	Sum(E12226:E12232)	0.019104	\$0
12234	Julii(E12220.E12232)		Φυ
12235 TELRIC + Common Costs	E12223+E12233		\$15.
12200 ILLING T COMMON COSts	E12223+E12233		φι

Qwest Advice No. 3376T Page 639 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B Study Year: 2001

Analyst: Deffley/Eoriatti
Product Group: Interconnection

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	В	С	D	E	F	G B * (C Thru F)	Н	I H * (G/60)
NEW UNE-P DID GROUP OF 20 NUMBERS DISCONNECT - MECHANIZED								
DISCONNECT								
-INTERCONNECT SERVICE CENTER								
Time estimate(s) ordered by commission staff. Process order	6	1.000				6.00	\$40.03	\$4.00
Subtotal - INTERCONNECT SERVICE CENTER						6.00		\$4.00
-RCMAC								
.66 & .34 probability % OF ACTIVITY BY SWITCH TYPE .15 probability % manual handled								
.70 probability reflects 30% reduction to work time estimates ordered								
RCMAC TRANS 20 SEQ DID #'S 5E	1	0.660	0.150	0.700		0.07	\$43.81	\$0.05
RCMAC TRANS 20 SEQ DID #S DMS	1	0.340	0.150	0.700		0.04	\$43.81	\$0.03
Subtotal - RCMAC						0.11		\$0.08
Total For Service:						6.11		\$4.08

Qwest Advice No. 3376T Page 640 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	[
						B * (C Thru F)		H * (G/60)

NEW UNE-P DID GROUP OF 20 NUMBERS DISCONNECT - MECHANIZED (con't)

12287 Direct Cost			\$4.08
12288			
12289	Cost	Cost	
12290	Calculation	Factor	Cost
12291	ВС	D	E
12292 Directly Assigned			<u>.</u>
12293 Product Management Expense	D12293*E12287	0.040393	\$0.16
12294 Sales Expense	D12294*E12287	0.014960	\$0.06
12295 Product Advertising Expense	D12295*E12287	0.000000	\$0.00
12296 Business Fees (Other Operating Taxes)	D12296*Sum(E12287:E12295)	0.042595	\$0.18
12297 Directly Assigned Costs	Sum(E12287:E12296)		\$0.41
12298	· · · · · · · · · · · · · · · · · · ·		
12299 Total Direct Costs	E12287+E12297		\$4.49
12300			
12301 Directly Attributed			
12302 Network Operations	D12302*E12299	0.056129	\$0.25
12303 Network Support Assets	D12303*E12299	0.014074	\$0.06
12304 General Support Assets	D12304*E12299	0.057904	\$0.26
12305 General Purpose Computers	D12305*E12299	0.040926	\$0.18
12306 Uncollectible	D12306*E12299	0.001136	\$0.01
12307 Accounting & Finance Expense	D12307*E12299	0.010471	\$0.05
12308 Human Resources Expense	D12308*E12299	0.009808	\$0.04
12309 Information Management Expense	D12309*E12299	0.068149	\$0.31
12310 Intangibles	D12310*E12299	0.002634	\$0.01
12311 Directly Attributed Costs	Sum(E12302:E12310)		\$1.17
12312	<u> </u>		
12313 TELRIC	E12302+E12311		\$5.66
12314			<u> </u>
12315 Common			
12316 Executive Expense	D12316*E12313	0.008052	\$0.05
12317 Planning Expense	D12317*E12313	0.000682	\$0.00
12318 External Relations Expense	D12318*E12313	0.009631	\$0.05
12319 Legal Expense	D12319*E12313	0.007338	\$0.04
12320 Other Procurement Expense	D12320*E12313	0.002772	\$0.02
12321 Research & Development Expense	D12321*E12313	0.000042	\$0.00
12322 Other General and Admin Expense	D12322*E12313	0.019104	\$0.11
12323 Common Costs	Sum(E12316:E12322)		\$0.27
12324			
12325 TELRIC + Common Costs	E12313+E12323		\$5.93

Qwest Advice No. 3376T Page 641 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	В	С	D	Е	F	G B * (C Thru F)	Н	I H * (G/60)
NEW UNE-P DID GROUP OF 20 NUMBERS DISCONNECT - MANUAL								
DISCONNECT								
-INTERCONNECT SERVICE CENTER NO MANUAL ISC TIMES PREVIOUSLY FILED IN THIS DOCKET, THEREFORE, CURRENT QWEST ISC TIMES APPLIED. .70 probability reflects 30% reduction to work time estimates ordered								
Receive request & Screen LSR Order Screener rreceives frim LSR (via fax) screens for fatal rejects faxes LSR to appropriate center for logging and typing	3	0.700				2.10	\$39.16	\$1.37
Receive & Screen LSR Order Writer using LSR manually enters order in SOP and sends a FOC to the reseller. Logs minimal data in CRM	5	0.700				3.50	\$39.16	\$2.28
Type change of Service provider	5	0.700				3.50	\$39.16	\$2.28
Subtotal - INTERCONNECT SERVICE CENTER						9.10		\$5.94
RCMAC .66 & .34 probability % OF ACTIVITY BY SWITCH TYPE .15 probability % manual handled .70 probability reflects 30% reduction to work time estimates ordered								•
RCMAC TRANS 20 SEQ DID #'S 5E RCMAC TRANS 20 SEQ DID #'S DMS	1	0.660 0.340	0.150 0.150	0.700 0.700		0.07 0.04	\$43.81 \$43.81	\$0.05 \$0.03
	· · · · · · · · · · · · · · · · · · ·	0.540	0.130	0.700			Ψ-3.01	·
Subtotal - RCMAC						0.11		\$0.08
Total For Service:						9.21		\$6.02

Qwest Advice No. 3376T Page 642 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	[
						B * (C Thru F)		H * (G/60)

NEW UNE-P DID GROUP OF 20 NUMBERS DISCONNECT - MANUAL (con't)

12377 Direct Cost			\$6.02
12378			
12379	Cost	Cost	
12380	Calculation	Factor	Cost
12381	ВС	D	E
12382 Directly Assigned	·		
12383 Product Management Expense	D12383*E12377	0.040393	\$0.24
12384 Sales Expense	D12384*E12377	0.014960	\$0.09
12385 Product Advertising Expense	D12385*E12377	0.000000	\$0.00
12386 Business Fees (Other Operating Taxes)	D12386*Sum(E12377:E12385)	0.042595	\$0.27
12387 Directly Assigned Costs	Sum(E12377:E12386)		\$0.60
12388			
12389 Total Direct Costs	E12377+E12387		\$6.62
12390			
12391 Directly Attributed			
12392 Network Operations	D12392*E12389	0.056129	\$0.37
12393 Network Support Assets	D12393*E12389	0.014074	\$0.09
12394 General Support Assets	D12394*E12389	0.057904	\$0.38
12395 General Purpose Computers	D12395*E12389	0.040926	\$0.27
12396 Uncollectible	D12396*E12389	0.001136	\$0.01
12397 Accounting & Finance Expense	D12397*E12389	0.010471	\$0.07
12398 Human Resources Expense	D12398*E12389	0.009808	\$0.06
12399 Information Management Expense	D12399*E12389	0.068149	\$0.45
12400 Intangibles	D12400*E12389	0.002634	\$0.02
12401 Directly Attributed Costs	Sum(E12392:E12400)		\$1.73
12402			
12403 TELRIC	E12392+E12401		\$8.35
12404			
12405 Common			
12406 Executive Expense	D12406*E12403	0.008052	\$0.07
12407 Planning Expense	D12407*E12403	0.000682	\$0.01
12408 External Relations Expense	D12408*E12403	0.009631	\$0.08
12409 Legal Expense	D12409*E12403	0.007338	\$0.06
12410 Other Procurement Expense	D12410*E12403	0.002772	\$0.02
12411 Research & Development Expense	D12411*E12403	0.000042	\$0.00
12412 Other General and Admin Expense	D12412*E12403	0.019104	\$0.16
12413 Common Costs	Sum(E12406:E12412)		\$0.40
12414			
12415 TELRIC + Common Costs	E12403+E12413		\$8.75

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Study Name: PART D FINAL ORDER NRC STUDY 7246 B Study Year: 2001

Analyst: Deffley/Eoriatti
Product Group: Interconnection

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G	Н	1
						B * (C Thru F)		H * (G/60)
NEW UNE-P DID RESERVE SEQUENTIAL # BLOCK - MECHANIZED								
<u>*ADD*</u>								
-INTERCONNECT SERVICE CENTER								
Time estimate(s) ordered by commission staff.	0	4 000				0.00	£40.00	£4.00
Process order	6	1.000				6.00	\$40.03	\$4.00
Subtotal - INTERCONNECT SERVICE CENTER						6.00		\$4.00
-NSAC								
.70 probability reflects 30% reduction to work time estimates ordered	_							
ASSGN BLOCK OF DID # PER TK GP	6	0.700				4.20	\$37.78	\$2.64
Subtotal - NSAC						4.20		\$2.64
Total For Service:						10.20		\$6.65

Qwest Advice No. 3376T Page 644 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	
						B * (C Thru F)		H * (G/60)

NEW UNE-P DID RESERVE SEQUENTIAL # BLOCK - MECHANIZED (con't)

12467 Direct Cost			\$6.65
12468			
12469	Cost	Cost	
12470	Calculation	Factor	Cost
12471	ВС	D	E
12472 Directly Assigned			
12473 Product Management Expense	D12473*E12467	0.040393	\$0.27
12474 Sales Expense	D12474*E12467	0.014960	\$0.10
12475 Product Advertising Expense	D12475*E12467	0.000000	\$0.00
12476 Business Fees (Other Operating Taxes)	D12476*Sum(E12467:E12475)	0.042595	\$0.30
12477 Directly Assigned Costs	Sum(E12467:E12476)		\$0.67
12478			
12479 Total Direct Costs	E12467+E12477		\$7.31
12480			
12481 Directly Attributed			
12482 Network Operations	D12482*E12479	0.056129	\$0.41
12483 Network Support Assets	D12483*E12479	0.014074	\$0.10
12484 General Support Assets	D12484*E12479	0.057904	\$0.42
12485 General Purpose Computers	D12485*E12479	0.040926	\$0.30
12486 Uncollectible	D12486*E12479	0.001136	\$0.01
12487 Accounting & Finance Expense	D12487*E12479	0.010471	\$0.08
12488 Human Resources Expense	D12488*E12479	0.009808	\$0.07
12489 Information Management Expense	D12489*E12479	0.068149	\$0.50
12490 Intangibles	D12490*E12479	0.002634	\$0.02
12491 Directly Attributed Costs	Sum(E12482:E12490)		\$1.91
12492			
12493 TELRIC	E12482+E12491		\$9.23
12494			
12495 Common			
12496 Executive Expense	D12496*E12493	0.008052	\$0.07
12497 Planning Expense	D12497*E12493	0.000682	\$0.01
12498 External Relations Expense	D12498*E12493	0.009631	\$0.09
12499 Legal Expense	D12499*E12493	0.007338	\$0.07
12500 Other Procurement Expense	D12500*E12493	0.002772	\$0.03
12501 Research & Development Expense	D12501*E12493	0.000042	\$0.00
12502 Other General and Admin Expense	D12502*E12493	0.019104	\$0.18
12503 Common Costs	Sum(E12496:E12502)		\$0.44
12504	<u> </u>		
12505 TELRIC + Common Costs	E12493+E12503		\$9.66

Qwest Advice No. 3376T Page 645 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	В	C	D	Ē	F	G B * (C Thru F)	H	I H * (G/60)
NEW UNE-P DID RESERVE SEQUENTIAL # BLOCK - MANUAL								
ADD								
-INTERCONNECT SERVICE CENTER NO MANUAL ISC TIMES PREVIOUSLY FILED IN THIS DOCKET, THEREFORE, CURRENT QWEST ISC TIMES APPLIED70 probability reflects 30% reduction to work time estimates ordered SOA (Service Order Administrator) receives firm LSR (Local Service Request) via fax, screens for fatal rejects and log LSR Receive & screen LSR	5	0.700				3.50	\$39.16	\$2.28
SDC (Service Delivery Coordinator) verifies address, and trunk info from LSR and manually enters the service order into the SOP (Service Order Processor) Type order into SOP SDC faxes FOC (Firm Order Confirmation) to the co-provider	10	0.700				7.00	\$39.16	\$4.57
and logs for tracking Fax FOC SDC accesses the order in the SOP and completes it	2	0.700				1.40	\$39.16	\$0.91
Completes order in SOP	5	0.700				3.50	\$39.16	\$2.28
Subtotal - INTERCONNECT SERVICE CENTER						15.40		\$10.05
-NSAC .70 probability reflects 30% reduction to work time estimates ordered ASSGN BLOCK OF DID # PER TK GP	6	0.700				4.20	\$37.78	\$2.64
Subtotal - NSAC						4.20		\$2.64
Total For Service:						19.60		\$12.70

Qwest Advice No. 3376T Page 646 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	[
						B * (C Thru F)		H * (G/60)

NEW UNE-P DID RESERVE SEQUENTIAL # BLOCK - MANUAL (con't)

12557 Direct Cost			\$12.70
12558			
12559	Cost	Cost	
12560	Calculation	Factor	Cost
12561	ВС	D	E
12562 Directly Assigned			
12563 Product Management Expense	D12563*E12557	0.040393	\$0.51
12564 Sales Expense	D12564*E12557	0.014960	\$0.19
12565 Product Advertising Expense	D12565*E12557	0.000000	\$0.00
12566 Business Fees (Other Operating Taxes)	D12566*Sum(E12557:E12565)	0.042595	\$0.57
12567 Directly Assigned Costs	Sum(E12557:E12566)		\$1.27
12568			
12569 Total Direct Costs	E12557+E12567		\$13.97
12570			•
12571 Directly Attributed			
12572 Network Operations	D12572*E12569	0.056129	\$0.78
12573 Network Support Assets	D12573*E12569	0.014074	\$0.20
12574 General Support Assets	D12574*E12569	0.057904	\$0.81
12575 General Purpose Computers	D12575*E12569	0.040926	\$0.57
12576 Uncollectible	D12576*E12569	0.001136	\$0.02
12577 Accounting & Finance Expense	D12577*E12569	0.010471	\$0.15
12578 Human Resources Expense	D12578*E12569	0.009808	\$0.14
12579 Information Management Expense	D12579*E12569	0.068149	\$0.95
12580 Intangibles	D12580*E12569	0.002634	\$0.04
12581 Directly Attributed Costs	Sum(E12572:E12580)		\$3.65
12582			
12583 TELRIC	E12572+E12581		\$17.62
12584			
12585 Common			
12586 Executive Expense	D12586*E12583	0.008052	\$0.14
12587 Planning Expense	D12587*E12583	0.000682	\$0.01
12588 External Relations Expense	D12588*E12583	0.009631	\$0.17
12589 Legal Expense	D12589*E12583	0.007338	\$0.13
12590 Other Procurement Expense	D12590*E12583	0.002772	\$0.05
12591 Research & Development Expense	D12591*E12583	0.000042	\$0.00
12592 Other General and Admin Expense	D12592*E12583	0.019104	\$0.34
12593 Common Costs	Sum(E12586:E12592)		\$0.84
12594			
12595 TELRIC + Common Costs	E12583+E12593		\$18.46

Qwest Advice No. 3376T Page 647 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B Study Year: 2001

Analyst: Deffley/Eoriatti
Product Group: Interconnection

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	В	С	D	Е	F	G B * (C Thru F)	Н	I H * (G/60)
NEW UNE-P DID RESERVE NONSEQUENTIAL TN - MECHANIZED								
ADD								
-INTERCONNECT SERVICE CENTER Time estimate(s) ordered by commission staff. Process order	6	1.000				6.00	\$40.03	\$4.00
Subtotal - INTERCONNECT SERVICE CENTER		1.000				6.00	Ψ10.00	\$4.00
-NSAC								
.70 probability reflects 30% reduction to work time estimates ordered RESRV NONSEQ DID # PER #	4	1.000	0.700			2.80	\$37.78	\$1.76
Subtotal - NSAC						2.80		\$1.76
-RCMAC .66 & .34 probability % OF ACTIVITY BY SWITCH TYPE .15 probability % manual handled .70 probability reflects 30% reduction to work time estimates ordered			0.450	0.700		2.22	9 40.04	70.00
RCMAC TRANS 20 SEQ DID #'S 5E RCMAC TRANS 20 SEQ DID #'S DMS	0.5 0.5	0.660 0.340	0.150 0.150	0.700 0.700		0.03 0.02	\$43.81 \$43.81	\$0.03 \$0.01
Subtotal - RCMAC						0.05		\$0.04
Total For Service:						8.85		\$5.80

Qwest Advice No. 3376T Page 648 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	
						B * (C Thru F)		H * (G/60)

NEW UNE-P DID RESERVE NONSEQUENTIAL TN - MECHANIZED (con't)

12647 Direct Cost			\$5.80
12648			
12649	Cost	Cost	
12650	Calculation	Factor	Cost
12651	ВС	D	E
12652 Directly Assigned	<u>- </u>		
12653 Product Management Expense	D12653*E12647	0.040393	\$0.23
12654 Sales Expense	D12654*E12647	0.014960	\$0.09
12655 Product Advertising Expense	D12655*E12647	0.000000	\$0.00
12656 Business Fees (Other Operating Taxes)	D12656*Sum(E12647:E12655)	0.042595	\$0.26
12657 Directly Assigned Costs	Sum(E12647:E12656)		\$0.58
12658			,
12659 Total Direct Costs	E12647+E12657		\$6.39
12660			
12661 Directly Attributed			
12662 Network Operations	D12662*E12659	0.056129	\$0.36
12663 Network Support Assets	D12663*E12659	0.014074	\$0.09
12664 General Support Assets	D12664*E12659	0.057904	\$0.37
12665 General Purpose Computers	D12665*E12659	0.040926	\$0.26
12666 Uncollectible	D12666*E12659	0.001136	\$0.01
12667 Accounting & Finance Expense	D12667*E12659	0.010471	\$0.07
12668 Human Resources Expense	D12668*E12659	0.009808	\$0.06
12669 Information Management Expense	D12669*E12659	0.068149	\$0.44
12670 Intangibles	D12670*E12659	0.002634	\$0.02
12671 Directly Attributed Costs	Sum(E12662:E12670)		\$1.67
12672			
12673 TELRIC	E12662+E12671		\$8.05
12674			
12675 Common			
12676 Executive Expense	D12676*E12673	0.008052	\$0.06
12677 Planning Expense	D12677*E12673	0.000682	\$0.01
12678 External Relations Expense	D12678*E12673	0.009631	\$0.08
12679 Legal Expense	D12679*E12673	0.007338	\$0.06
12680 Other Procurement Expense	D12680*E12673	0.002772	\$0.02
12681 Research & Development Expense	D12681*E12673	0.000042	\$0.00
12682 Other General and Admin Expense	D12682*E12673	0.019104	\$0.15
12683 Common Costs	Sum(E12676:E12682)		\$0.38
12684			
12685 TELRIC + Common Costs	E12673+E12683		\$8.44

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Study Name: PART D FINAL ORDER NRC STUDY 7246 B Study Year: 2001

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
А	В	С	D	Е	F	G B * (C Thru F)	Н	I H * (G/60)
THE DESCRIPTION OF THE MANUAL								
EW UNE-P DID RESERVE NONSEQUENTIAL TN - MANUAL								
ADD*								
NTERCONNECT SERVICE CENTER								
NO MANUAL ISC TIMES PREVIOUSLY FILED IN THIS DOCKET, THEREFORE, CURRENT QWEST ISC TIMES APPLIED.								
.70 probability reflects 30% reduction to work time estimates ordered								
SOA (Service Order Administrator) receives firm LSR (Local Service Request) via fax, screens for fatal rejects and log LSR								
Receive & screen LSR	5	0.700				3.50	\$39.16	\$2.2
SDC (Service Delivery Coordinator) verifies address, and trunk info from LSR and manually enters the service order into the SOP								
(Service Order Processor)								
Type order into SOP SDC faxes FOC (Firm Order Confirmation) to the co-provider	10	0.700				7.00	\$39.16	\$4.5
and logs for tracking								
Fax FOC	2	0.700				1.40	\$39.16	\$0.9
SDC accesses the order in the SOP and completes it Completes order in SOP	5	0.700				3.50	\$39.16	\$2.2
Subtotal - INTERCONNECT SERVICE CENTER						15.40		\$10.0
NSAC								·
.70 probability reflects 30% reduction to work time estimates ordered								
RESRV NONSEQ DID # PER #	4	0.700				2.80	\$37.78	\$1.76
Subtotal - NSAC						2.80		\$1.76
RCMAC								
.66 & .34 probability % OF ACTIVITY BY SWITCH TYPE								
.15 probability % manual handled .70 probability reflects 30% reduction to work time estimates ordered								
RCMAC TRANS 20 SEQ DID #'S 5E	0.5	0.660	0.150	0.700		0.03	\$43.81	\$0.0
RCMAC TRANS 20 SEQ DID #'S DMS	0.5	0.340	0.150	0.700		0.02	\$43.81	\$0.0
ubtotal - RCMAC						0.05		\$0.0
Fotal For Service:						18,25		\$11.85
Utal FUI Selvice.						10.23		φ11.0

Qwest Advice No. 3376T Page 650 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	
						B * (C Thru F)		H * (G/60)

NEW UNE-P DID RESERVE NONSEQUENTIAL TN - MANUAL (con't)

12737 Direct Cost			\$11.8
12738			
12739	Cost	Cost	
12740	Calculation	Factor	Cost
12741	ВС	D	E
12742 Directly Assigned	<u>-</u>		
12743 Product Management Expense	D12743*E12737	0.040393	\$0.48
12744 Sales Expense	D12744*E12737	0.014960	\$0.18
12745 Product Advertising Expense	D12745*E12737	0.000000	\$0.0
12746 Business Fees (Other Operating Taxes)	D12746*Sum(E12737:E12745)	0.042595	\$0.5
12747 Directly Assigned Costs	Sum(E12737:E12746)		\$1.1
12748			
12749 Total Direct Costs	E12737+E12747		\$13.0
12750			
12751 Directly Attributed			
12752 Network Operations	D12752*E12749	0.056129	\$0.7
12753 Network Support Assets	D12753*E12749	0.014074	\$0.1
12754 General Support Assets	D12754*E12749	0.057904	\$0.7
12755 General Purpose Computers	D12755*E12749	0.040926	\$0.5
12756 Uncollectible	D12756*E12749	0.001136	\$0.0
12757 Accounting & Finance Expense	D12757*E12749	0.010471	\$0.14
12758 Human Resources Expense	D12758*E12749	0.009808	\$0.1
12759 Information Management Expense	D12759*E12749	0.068149	\$0.8
12760 Intangibles	D12760*E12749	0.002634	\$0.0
12761 Directly Attributed Costs	Sum(E12752:E12760)		\$3.4
12762			
12763 TELRIC	E12752+E12761		\$16.4
12764			
12765 Common			
12766 Executive Expense	D12766*E12763	0.008052	\$0.1
12767 Planning Expense	D12767*E12763	0.000682	\$0.0
12768 External Relations Expense	D12768*E12763	0.009631	\$0.1
12769 Legal Expense	D12769*E12763	0.007338	\$0.1
12770 Other Procurement Expense	D12770*E12763	0.002772	\$0.0
12771 Research & Development Expense	D12771*E12763	0.000042	\$0.0
12772 Other General and Admin Expense	D12772*E12763	0.019104	\$0.3
12773 Common Costs	Sum(E12766:E12772)		\$0.7
12774			
12775 TELRIC + Common Costs	E12763+E12773		\$17.23

Qwest Advice No. 3376T Page 651 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B Study Year: 2001

Analyst: Deffley/Eoriatti
Product Group: Interconnection

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G B * (C Thru F)	Н	l H * (G/60)
						B (C IIIId I)		11 (G/00)
NEW UNE-P DID TRUNK TERMINATIONS INSTALL - MECHANIZED								
ADD								
-INTERCONNECT SERVICE CENTER								
Time estimate(s) ordered by commission staff.								
Process order	6	1.000				6.00	\$40.03	\$4.00
Subtotal - INTERCONNECT SERVICE CENTER						6.00		\$4.00
-DESIGN SERVICE CENTER - DESIGN								
.70 probability reflects 30% reduction to work time estimates ordered								
.042 based on average of 24 members								
per group (1/24)								
.05, .95, .20, .80 = % of manual probability								
Order handling/screening	10	0.042	1.000	0.700		0.29	\$44.31	\$0.22
Validate DRI (Design Related Information) & WA (Work Authorization)	10	0.042	0.050	0.700		0.01	\$44.31	\$0.01
Validate DRI (Design Related Information) & WA (Work Authorization)	4	0.042	0.950	0.700		0.11	\$44.31	\$0.08
Build/Verify CD (Circuit Detail)	15	0.042	0.200	0.700		0.09	\$44.31	\$0.07
Build/Verify CD (Circuit Detail)	3	0.042	0.800	0.700		0.07	\$44.31	\$0.05
Distribute Documents TAS	2 15	0.042 0.042	1.000 1.000	0.700 0.700		0.06	\$44.31	\$0.04 \$0.33
IAS	15	0.042	1.000	0.700		0.44	\$44.31	\$0.33
Subtotal - DESIGN SERVICE CENTER - DESIGN						1.08		\$0.80
-DESIGN SERVICE CENTER - IMPLEMENTOR								
.70 probability reflects 30% reduction to work time estimates ordered								
.042 probability .042 based on average of 24 members								
per group (1/24)								
Screen WFA (Work Force Administration for circuit	10	0.700	0.042			0.29	\$43.81	\$0.21
Verify LNO (Local Network Organization) (CO) completoin	10	0.700	0.042			0.29	\$43.81	\$0.21
Test Circuit	15	0.700	0.042			0.44	\$43.81	\$0.32
NOTIFY CUSTOMER	5	0.700 0.700	0.042 0.042			0.15 0.29	\$43.81	\$0.11 \$0.21
Complete Circuit in WFA Control	10	0.700	0.042			0.29	\$43.81	\$0.21
Subtotal - DESIGN SERVICE CENTER - IMPLEMENTOR						1.47		\$1.07
Total For Service:						8.55		\$5.87
Total For Control.						0.00		Ψ3.01

Qwest Advice No. 3376T Page 652 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	
						B * (C Thru F)		H * (G/60)

NEW UNE-P DID TRUNK TERMINATIONS INSTALL - MECHANIZED (con't)

12827 Direct Cost			\$5.87
12828			
12829	Cost	Cost	
12830	Calculation	Factor	Cost
12831	ВС	D	E
12832 Directly Assigned	·		
12833 Product Management Expense	D12833*E12827	0.040393	\$0.24
12834 Sales Expense	D12834*E12827	0.014960	\$0.09
12835 Product Advertising Expense	D12835*E12827	0.000000	\$0.00
12836 Business Fees (Other Operating Taxes)	D12836*Sum(E12827:E12835)	0.042595	\$0.26
12837 Directly Assigned Costs	Sum(E12827:E12836)		\$0.59
12838			
12839 Total Direct Costs	E12827+E12837		\$6.46
12840			
12841 Directly Attributed			
12842 Network Operations	D12842*E12839	0.056129	\$0.36
12843 Network Support Assets	D12843*E12839	0.014074	\$0.09
12844 General Support Assets	D12844*E12839	0.057904	\$0.37
12845 General Purpose Computers	D12845*E12839	0.040926	\$0.26
12846 Uncollectible	D12846*E12839	0.001136	\$0.01
12847 Accounting & Finance Expense	D12847*E12839	0.010471	\$0.07
12848 Human Resources Expense	D12848*E12839	0.009808	\$0.06
12849 Information Management Expense	D12849*E12839	0.068149	\$0.44
12850 Intangibles	D12850*E12839	0.002634	\$0.02
12851 Directly Attributed Costs	Sum(E12842:E12850)		\$1.69
12852			
12853 TELRIC	E12842+E12851		\$8.15
12854			
12855 Common			
12856 Executive Expense	D12856*E12853	0.008052	\$0.07
12857 Planning Expense	D12857*E12853	0.000682	\$0.01
12858 External Relations Expense	D12858*E12853	0.009631	\$0.08
12859 Legal Expense	D12859*E12853	0.007338	\$0.06
12860 Other Procurement Expense	D12860*E12853	0.002772	\$0.02
12861 Research & Development Expense	D12861*E12853	0.000042	\$0.00
12862 Other General and Admin Expense	D12862*E12853	0.019104	\$0.16
12863 Common Costs	Sum(E12856:E12862)		\$0.39
12864			
12865 TELRIC + Common Costs	E12853+E12863		\$8.54

Qwest Advice No. 3376T Page 653 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B Study Year: 2001

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G B * (C Thru F)	Н	I H * (G/60)
						,		, ,
NEW UNE-P DID TRUNK TERMINATIONS INSTALL - MANUAL								
<u>*ADD*</u>								
-INTERCONNECT SERVICE CENTER								
NO MANUAL ISC TIMES PREVIOUSLY FILED IN THIS DOCKET, THEREFORE, CURRENT QWEST ISC TIMES APPLIED.								
.70 probability reflects 30% reduction to work time estimates ordered SOA (Service Order Administrator) receives firm LSR (Local Service Request)								
via fax, screens for fatal rejects and log LSR Receive & screen LSR	5	0.700				3.50	\$39.16	\$2.28
SDC (Service Delivery Coordinator) verifies address, and trunk info	3	0.700				5.50	φ33.10	Ψ2.20
from LSR and manually enters the service order into the SOP (Service Order Processor)								
Type order into SOP	10	0.700				7.00	\$39.16	\$4.57
SDC faxes FOC (Firm Order Confirmation) to the co-provider								
and logs for tracking Fax FOC	2	0.700				1.40	\$39.16	\$0.91
SDC accesses the order in the SOP and completes it	_	0.700				1.10	ψου. το	ψ0.0
Completes order in SOP	5	0.700				3.50	\$39.16	\$2.28
Subtotal - INTERCONNECT SERVICE CENTER						15.40		\$10.05
SUBSTRUCT SERVICE SERVICE						10.40		ψ.υ.υ.
-DESIGN SERVICE CENTER - DESIGN								
.70 probability reflects 30% reduction to work time estimates ordered								
.042 based on average of 24 members per group (1/24)								
.05, .95, .20, .80 = % of manual probability								
Order handling/screening	10	0.042	1.000	0.700		0.29	\$44.31	\$0.22
Validate DRI (Design Related Information) & WA (Work Authorization)	10	0.042	0.050	0.700		0.01	\$44.31	\$0.0
Validate DRI (Design Related Information) & WA (Work Authorization)	4	0.042	0.950	0.700		0.11	\$44.31	\$0.08
Build/Verify CD (Circuit Detail)	15	0.042	0.200	0.700		0.09	\$44.31	\$0.07
Build/Verify CD (Circuit Detail)	3	0.042	0.800	0.700		0.07	\$44.31	\$0.05
Distribute Documents	2	0.042	1.000	0.700		0.06	\$44.31	\$0.04
TAS	15	0.042	1.000	0.700		0.44	\$44.31	\$0.33
Subtotal - DESIGN SERVICE CENTER - DESIGN						1.08		\$0.80
-DESIGN SERVICE CENTER - IMPLEMENTOR								
.70 probability reflects 30% reduction to work time estimates ordered .042 probaility .042 based on average of 24 members								
per group (1/24)		0.700	0.040			6.00	# 40.04	# 2.2
Screen WFA (Work Force Administration for circuit	10	0.700	0.042			0.29	\$43.81	\$0.2
Verify LNO (Local Network Organization) (CO) completoin	10	0.700	0.042			0.29	\$43.81	\$0.21

Qwest Advice No. 3376T Page 654 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti
Product Group: Interconnection

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	В	C	D	Ē	F	G B * (C Thru F)	Н	H * (G/60)
NEW UNE-P DID TRUNK TERMINATIONS INSTALL - MANUAL (con't)								
Test Circuit	15	0.700	0.042			0.44	\$43.81	\$0.32
NOTIFY CUSTOMER Complete Circuit in WFA Control	5 10	0.700 0.700	0.042 0.042			0.15 0.29	\$43.81 \$43.81	\$0.11 \$0.21
Subtotal - DESIGN SERVICE CENTER - IMPLEMENTOR	10	0.700	0.042			1.47	φ45.61	\$1.07
Total For Service:						17.95		\$11.92

Qwest Advice No. 3376T Page 655 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	[
						B * (C Thru F)		H * (G/60)

NEW UNE-P DID TRUNK TERMINATIONS INSTALL - MANUAL (con't)

12962 Direct Cost			\$11.92
12963			Ψ11.92
12964	Cost	Cost	
12965	Calculation	Factor	Cost
12966	В С	D	E
12967 Directly Assigned	<u> </u>		_
12968 Product Management Expense	D12968*E12962	0.040393	\$0.48
12969 Sales Expense	D12969*E12962	0.014960	\$0.18
12970 Product Advertising Expense	D12970*E12962	0.000000	\$0.00
12971 Business Fees (Other Operating Taxes)	D12970 E12302 D12971*Sum(E12962:E12970)	0.042595	\$0.54
12972 Directly Assigned Costs	Sum(E12962:E12971)	0.042333	\$1.20
12973	Odin(E12302.E12371)		Ψ1.20
12974 Total Direct Costs	E12962+E12972		\$13.12
12975			Ψ.σ2
12976 Directly Attributed			
12977 Network Operations	D12977*E12974	0.056129	\$0.74
12978 Network Support Assets	D12978*E12974	0.014074	\$0.18
12979 General Support Assets	D12979*E12974	0.057904	\$0.76
12980 General Purpose Computers	D12980*E12974	0.040926	\$0.54
12981 Uncollectible	D12981*E12974	0.001136	\$0.01
12982 Accounting & Finance Expense	D12982*E12974	0.010471	\$0.14
12983 Human Resources Expense	D12983*E12974	0.009808	\$0.13
12984 Information Management Expense	D12984*E12974	0.068149	\$0.89
12985 Intangibles	D12985*E12974	0.002634	\$0.03
12986 Directly Attributed Costs	Sum(E12977:E12985)		\$3.43
12987	<u></u>		Ţ.
12988 TELRIC	E12977+E12986		\$16.54
12989			
12990 Common			
12991 Executive Expense	D12991*E12988	0.008052	\$0.13
12992 Planning Expense	D12992*E12988	0.000682	\$0.01
12993 External Relations Expense	D12993*E12988	0.009631	\$0.16
12994 Legal Expense	D12994*E12988	0.007338	\$0.12
12995 Other Procurement Expense	D12995*E12988	0.002772	\$0.05
12996 Research & Development Expense	D12996*E12988	0.000042	\$0.00
12997 Other General and Admin Expense	D12997*E12988	0.019104	\$0.32
12998 Common Costs	Sum(E12991:E12997)		\$0.79
12999	•		
13000 TELRIC + Common Costs	E12988+E12998		\$17.33

Qwest Advice No. 3376T Page 656 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	В	С	D	E	F	G B * (C Thru F)	Н	I H * (G/60)
NEW UNE-P DID TRUNK TERMINATIONS DISCONNECT - MECHANIZED								
DISCONNECT*								
NTERCONNECT SERVICE CENTER								
Time estimate(s) ordered by commission staff.								
Process order	6	1.000				6.00	\$40.03	\$4.00
ubtotal - INTERCONNECT SERVICE CENTER						6.00		\$4.0
DESIGN SERVICE CENTER - DESIGN								
.70 probability reflects 30% reduction to work time estimates ordered								
.042 based on average of 24 members								
per group (1/24)								
.05, .95 = % of manual probability								
Order handling/screening	10	0.042	1.000	0.700		0.29	\$44.31	\$0.2
PCList Trunks	2	0.042	1.000	0.700		0.06	\$44.31	\$0.0
Build/validate Work Authorization	5	0.042	0.050	0.700		0.01	\$44.31	\$0.0
Build/validate Work Authorization	2	0.042	0.950	0.700		0.06	\$44.31	\$0.0
Build/Verify CD (Circuit Detail)	10	0.042	0.050	0.700		0.01	\$44.31	\$0.0
Build/Verify CD (Circuit Detail)	2	0.042	0.950	0.700		0.06	\$44.31	\$0.0
Distribute Documents	2	0.042	1.000	0.700		0.06	\$44.31	\$0.0
ubtotal - DESIGN SERVICE CENTER - DESIGN						0.55		\$0.4
DESIGN SERVICE CENTER - IMPLEMENTOR								
.70 probability reflects 30% reduction to work time estimates ordered								
Screen WFA (Work Force Administration for circuit	5	0.700				3.50	\$43.81	\$2.5
Contact Customer	5	0.700				3.50	\$43.81	\$2.5
Complete Circuit in WFA Control	5	0.700				3.50	\$43.81	\$2.5
btotal - DESIGN SERVICE CENTER - IMPLEMENTOR						10.50		\$7.6
otal For Service:						17.05		\$12.07
otal For Service:						17.05		\$12.0

Qwest Advice No. 3376T Page 657 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G	Н	
						B * (C Thru F)		H * (G/60)

NEW UNE-P DID TRUNK TERMINATIONS DISCONNECT - MECHANIZED (con't)

13052 Direct Cost			\$12.07
13053			
13054	Cost	Cost	
13055	Calculation	Factor	Cost
13056	ВС	D	Е
13057 Directly Assigned			
13058 Product Management Expense	D13058*E13052	0.040393	\$0.49
13059 Sales Expense	D13059*E13052	0.014960	\$0.18
13060 Product Advertising Expense	D13060*E13052	0.000000	\$0.00
13061 Business Fees (Other Operating Taxes)	D13061*Sum(E13052:E13060)	0.042595	\$0.54
13062 Directly Assigned Costs	Sum(E13052:E13061)		\$1.21
13063	· · · · · · · · · · · · · · · · · · ·		
13064 Total Direct Costs	E13052+E13062		\$13.28
13065			
13066 Directly Attributed			
13067 Network Operations	D13067*E13064	0.056129	\$0.75
13068 Network Support Assets	D13068*E13064	0.014074	\$0.19
13069 General Support Assets	D13069*E13064	0.057904	\$0.77
13070 General Purpose Computers	D13070*E13064	0.040926	\$0.54
13071 Uncollectible	D13071*E13064	0.001136	\$0.02
13072 Accounting & Finance Expense	D13072*E13064	0.010471	\$0.14
13073 Human Resources Expense	D13073*E13064	0.009808	\$0.13
13074 Information Management Expense	D13074*E13064	0.068149	\$0.91
13075 Intangibles	D13075*E13064	0.002634	\$0.03
13076 Directly Attributed Costs	Sum(E13067:E13075)		\$3.47
13077			
13078 TELRIC	E13067+E13076		\$16.75
13079			
13080 Common			
13081 Executive Expense	D13081*E13078	0.008052	\$0.13
13082 Planning Expense	D13082*E13078	0.000682	\$0.01
13083 External Relations Expense	D13083*E13078	0.009631	\$0.16
13084 Legal Expense	D13084*E13078	0.007338	\$0.12
13085 Other Procurement Expense	D13085*E13078	0.002772	\$0.05
13086 Research & Development Expense	D13086*E13078	0.000042	\$0.00
13087 Other General and Admin Expense	D13087*E13078	0.019104	\$0.32
13088 Common Costs	Sum(E13081:E13087)		\$0.80
13089			
13090 TELRIC + Common Costs	E13078+E13088		\$17.55

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Study Name: PART D FINAL ORDER NRC STUDY 7246 B Study Year: 2001

Analyst: Deffley/Eoriatti
Product Group: Interconnection

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G B * (C Thru F)	Н	
						B " (C Infu F)		H * (G/60)
NEW UNE-P DID TRUNK TERMINATIONS DISCONNECT - MANUAL								
DISCONNECT								
-INTERCONNECT SERVICE CENTER								
NO MANUAL ISC TIMES PREVIOUSLY FILED IN THIS DOCKET, THEREFORE, CURRENT QWEST ISC TIMES APPLIED.								
.70 probability reflects 30% reduction to work time estimates ordered SOA (Service Order Administrator) receives firm LSR (Local Service Request)								
via fax, screens for fatal rejects and log LSR Receive & screen LSR	5	0.700				3.50	\$39.16	\$2.28
SDC (Service Delivery Coordinator) verifies address, and trunk info	J	0.700				0.00	ψ00.10	Ψ2.20
from LSR and manually enters the service order into the SOP								
(Service Order Processor)								
Type order into SOP	10	0.700				7.00	\$39.16	\$4.57
SDC faxes FOC (Firm Order Confirmation) to the co-provider								
and logs for tracking Fax FOC	2	0.700				1.40	\$39.16	\$0.91
SDC accesses the order in the SOP and completes it	2	0.700				1.40	ψ00.10	ψ0.51
Completes order in SOP	5	0.700				3.50	\$39.16	\$2.28
Subtotal - INTERCONNECT SERVICE CENTER						15.40		\$10.05
-DESIGN SERVICE CENTER - DESIGN								
.70 probability reflects 30% reduction to work time estimates ordered								
.042 based on average of 24 members								
per group (1/24)								
.05, .95 = % of manual probability Order handling/screening	40	0.042	1.000	0.700		0.00	\$44.31	#0.00
PCList Trunks	10 2	0.042	1.000	0.700		0.29 0.06	\$44.31 \$44.31	\$0.22 \$0.04
Build/validate Work Authorization	5	0.042	0.050	0.700		0.00	\$44.31	\$0.04
Build/validate Work Authorization	2	0.042	0.950	0.700		0.06	\$44.31	\$0.04
Build/Verify CD (Circuit Detail)	10	0.042	0.050	0.700		0.01	\$44.31	\$0.01
Build/Verify CD (Circuit Detail)	2	0.042	0.950	0.700		0.06	\$44.31	\$0.04
Distribute Documents	2	0.042	1.000	0.700		0.06	\$44.31	\$0.04
Subtotal - DESIGN SERVICE CENTER - DESIGN						0.55		\$0.40
-DESIGN SERVICE CENTER - IMPLEMENTOR								
.70 probability reflects 30% reduction to work time estimates ordered								
Screen WFA (Work Force Administration for circuit	5	0.700				3.50	\$43.81	\$2.56
Contact Customer	5	0.700				3.50	\$43.81	\$2.56
Complete Circuit in WFA Control	5	0.700				3.50	\$43.81	\$2.56

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Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G	Н	
						B * (C Thru F)		H * (G/60)

NEW UNE-P DID TRUNK TERMINATIONS DISCONNECT - MANUAL (con't)

Subtotal - DESIGN SERVICE CENTER - IMPLEMENTOR	10.50	\$7.67
Total For Service:	26.45	\$18.12

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Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G	Н	[
						B * (C Thru F)		H * (G/60)

NEW UNE-P DID TRUNK TERMINATIONS DISCONNECT - MANUAL (con't)

13187 Direct Cost			\$18.12
13188			
13189	Cost	Cost	
13190	Calculation	Factor	Cost
13191	ВС	D	E
13192 Directly Assigned			
13193 Product Management Expense	D13193*E13187	0.040393	\$0.73
13194 Sales Expense	D13194*E13187	0.014960	\$0.27
13195 Product Advertising Expense	D13195*E13187	0.000000	\$0.00
13196 Business Fees (Other Operating Taxes)	D13196*Sum(E13187:E13195)	0.042595	\$0.81
13197 Directly Assigned Costs	Sum(E13187:E13196)		\$1.82
13198			'
13199 Total Direct Costs	E13187+E13197		\$19.94
13200			
13201 Directly Attributed			
13202 Network Operations	D13202*E13199	0.056129	\$1.12
13203 Network Support Assets	D13203*E13199	0.014074	\$0.28
13204 General Support Assets	D13204*E13199	0.057904	\$1.15
13205 General Purpose Computers	D13205*E13199	0.040926	\$0.82
13206 Uncollectible	D13206*E13199	0.001136	\$0.02
13207 Accounting & Finance Expense	D13207*E13199	0.010471	\$0.21
13208 Human Resources Expense	D13208*E13199	0.009808	\$0.20
13209 Information Management Expense	D13209*E13199	0.068149	\$1.36
13210 Intangibles	D13210*E13199	0.002634	\$0.05
13211 Directly Attributed Costs	Sum(E13202:E13210)		\$5.21
13212			
13213 TELRIC	E13202+E13211		\$25.15
13214			
13215 Common			
13216 Executive Expense	D13216*E13213	0.008052	\$0.20
13217 Planning Expense	D13217*E13213	0.000682	\$0.02
13218 External Relations Expense	D13218*E13213	0.009631	\$0.24
13219 Legal Expense	D13219*E13213	0.007338	\$0.18
13220 Other Procurement Expense	D13220*E13213	0.002772	\$0.07
13221 Research & Development Expense	D13221*E13213	0.000042	\$0.00
13222 Other General and Admin Expense	D13222*E13213	0.019104	\$0.48
13223 Common Costs	Sum(E13216:E13222)		\$1.20
13224			
13225 TELRIC + Common Costs	E13213+E13223		\$26.34

Qwest Advice No. 3376T Page 661 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	В	С	D	Ē	F	G B * (C Thru F)	Н	I H * (G/60)
NEW UNE-P DID NONSEQUENTIAL TELEPHONE NUMBERS INSTALL - MECHANIZED								
<u>*ADD*</u>								
-INTERCONNECT SERVICE CENTER Time estimate(s) ordered by commission staff. Process order	6	1.000				6.00	\$40.03	\$4.00
Subtotal - INTERCONNECT SERVICE CENTER						6.00		\$4.00
-NSAC .70 probability reflects 30% reduction to work time estimates ordered ASSGN NONSEQ DID # PER #	4	0.700				2.80	\$37.78	\$1.76
Subtotal - NSAC						2.80		\$1.76
-RCMAC .66 & .34 probability % BY SWITCH TYPE .15 probability % manual handled .70 probability reflects 30% reduction to work time estimates ordered RCMAC TRANS DID NUMBER - 5E RCMAC TRANS DID NUMBER - DMS	0.5 0.5	0.660 0.340	0.150 0.150	0.700 0.700		0.03 0.02	\$43.81 \$43.81	\$0.03 \$0.01
Subtotal - RCMAC						0.05		\$0.04
Total For Service:						8.85		\$5.80

Qwest Advice No. 3376T Page 662 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	
						B * (C Thru F)		H * (G/60)

NEW UNE-P DID NONSEQUENTIAL TELEPHONE NUMBERS INSTALL - MECHANIZED (con't)

13277 Direct Cost			\$5.80
13278			
13279	Cost	Cost	
13280	Calculation	Factor	Cost
13281	ВС	D	E
13282 Directly Assigned			
13283 Product Management Expense	D13283*E13277	0.040393	\$0.23
13284 Sales Expense	D13284*E13277	0.014960	\$0.09
13285 Product Advertising Expense	D13285*E13277	0.000000	\$0.00
13286 Business Fees (Other Operating Taxes)	D13286*Sum(E13277:E13285)	0.042595	<u>\$0.26</u>
13287 Directly Assigned Costs	Sum(E13277:E13286)		\$0.58
13288			
13289 Total Direct Costs	E13277+E13287		\$6.39
13290			
13291 Directly Attributed			
13292 Network Operations	D13292*E13289	0.056129	\$0.36
13293 Network Support Assets	D13293*E13289	0.014074	\$0.09
13294 General Support Assets	D13294*E13289	0.057904	\$0.37
13295 General Purpose Computers	D13295*E13289	0.040926	\$0.26
13296 Uncollectible	D13296*E13289	0.001136	\$0.01
13297 Accounting & Finance Expense	D13297*E13289	0.010471	\$0.07
13298 Human Resources Expense	D13298*E13289	0.009808	\$0.06
13299 Information Management Expense	D13299*E13289	0.068149	\$0.44
13300 Intangibles	D13300*E13289	0.002634	\$0.02
13301 Directly Attributed Costs	Sum(E13292:E13300)		\$1.67
13302			
13303 TELRIC	E13292+E13301		\$8.05
13304			
13305 Common	-		••••
13306 Executive Expense	D13306*E13303	0.008052	\$0.06
13307 Planning Expense	D13307*E13303	0.000682	\$0.01
13308 External Relations Expense	D13308*E13303	0.009631	\$0.08
13309 Legal Expense	D13309*E13303	0.007338	\$0.06
13310 Other Procurement Expense	D13310*E13303	0.002772	\$0.02
13311 Research & Development Expense	D13311*E13303	0.000042	\$0.00
13312 Other General and Admin Expense	D13312*E13303	0.019104	\$0.15
13313 Common Costs	Sum(E13306:E13312)		\$0.38
13314			•
13315 TELRIC + Common Costs	E13303+E13313		\$8.44

Qwest Advice No. 3376T Page 663 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	B	C	#2 D	#3 E	F	G	H	Losi
	_	· ·	_	_	•	B * (C Thru F)		H * (G/60)
EW UNE-P DID NONSEQUENTIAL TELEPHONE NUMBERS INSTALL - MANUAL								
EW UNE-P DID NONSEQUENTIAL TELEPHONE NUMBERS INSTALL - MANUAL								
ADD*								
NTERCONNECT SERVICE CENTER								
NO MANUAL ISC TIMES PREVIOUSLY FILED IN THIS DOCKET, THEREFORE, CURRENT QWEST ISC TIMES APPLIED.								
.70 probability reflects 30% reduction to work time estimates ordered								
SOA (Service Order Administrator) receives firm LSR (Local Service Request)								
via fax, screens for fatal rejects and log LSR	_	0.700				0.50	#00.40	# 0.
Receive & screen LSR SDC (Service Delivery Coordinator) verifies address, and trunk info	5	0.700				3.50	\$39.16	\$2.2
from LSR and manually enters the service order into the SOP								
(Service Order Processor)								
Type order into SOP	10	0.700				7.00	\$39.16	\$4.
SDC faxes FOC (Firm Order Confirmation) to the co-provider								
and logs for tracking								
Fax FOC	2	0.700				1.40	\$39.16	\$0.
SDC accesses the order in the SOP and completes it Completes order in SOP	5	0.700				3.50	\$39.16	\$2.
Completes order in SOF	5	0.700				3.50	Ф 39.10	Φ2.2
ubtotal - INTERCONNECT SERVICE CENTER						15.40		\$10.0
NSAC								
.70 probability reflects 30% reduction to work time estimates ordered								
ASSGN NONSEQ DID # PER #	4	0.700				2.80	\$37.78	\$1.
ubtotal - NSAC						2.80		\$1.7
RCMAC								
.66 & .34 probability % BY SWITCH TYPE								
.15 probability % manual handled								
.70 probability reflects 30% reduction to work time estimates ordered								
RCMAC TRANS DID NUMBER - 5E	0.5	0.660	0.150	0.700		0.03	\$43.81	\$0.
RCMAC TRANS DID NUMBER - DMS	0.5	0.340	0.150	0.700		0.02	\$43.81	\$0.
ubtotal - RCMAC						0.05		\$0.
otal For Service:						18.25		\$11.8
Utai FUI Sel VICE.						10.23		φ11.

Qwest Advice No. 3376T Page 664 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	
						B * (C Thru F)		H * (G/60)

NEW UNE-P DID NONSEQUENTIAL TELEPHONE NUMBERS INSTALL - MANUAL (con't)

13367 Direct Cost			\$11.85
13368			
13369	Cost	Cost	
13370	Calculation	Factor	Cost
13371	ВС	D	E
13372 Directly Assigned			
13373 Product Management Expense	D13373*E13367	0.040393	\$0.48
13374 Sales Expense	D13374*E13367	0.014960	\$0.18
13375 Product Advertising Expense	D13375*E13367	0.000000	\$0.00
13376 Business Fees (Other Operating Taxes)	D13376*Sum(E13367:E13375)	0.042595	\$0.53
13377 Directly Assigned Costs	Sum(E13367:E13376)		\$1.19
13378			
13379 Total Direct Costs	E13367+E13377		\$13.04
13380			
13381 Directly Attributed			
13382 Network Operations	D13382*E13379	0.056129	\$0.73
13383 Network Support Assets	D13383*E13379	0.014074	\$0.18
13384 General Support Assets	D13384*E13379	0.057904	\$0.76
13385 General Purpose Computers	D13385*E13379	0.040926	\$0.53
13386 Uncollectible	D13386*E13379	0.001136	\$0.01
13387 Accounting & Finance Expense	D13387*E13379	0.010471	\$0.14
13388 Human Resources Expense	D13388*E13379	0.009808	\$0.13
13389 Information Management Expense	D13389*E13379	0.068149	\$0.89
13390 Intangibles	D13390*E13379	0.002634	\$0.03
13391 Directly Attributed Costs	Sum(E13382:E13390)		\$3.41
13392			
13393 TELRIC	E13382+E13391		\$16.45
13394			
13395 Common			
13396 Executive Expense	D13396*E13393	0.008052	\$0.13
13397 Planning Expense	D13397*E13393	0.000682	\$0.01
13398 External Relations Expense	D13398*E13393	0.009631	\$0.16
13399 Legal Expense	D13399*E13393	0.007338	\$0.12
13400 Other Procurement Expense	D13400*E13393	0.002772	\$0.05
13401 Research & Development Expense	D13401*E13393	0.000042	\$0.00
13402 Other General and Admin Expense	D13402*E13393	0.019104	\$0.3
13403 Common Costs	Sum(E13396:E13402)		\$0.78
13404			
13405 TELRIC + Common Costs	E13393+E13403		\$17.23

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Study Name: PART D FINAL ORDER NRC STUDY 7246 B Study Year: 2001

Analyst: Deffley/Eoriatti
Product Group: Interconnection

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	В	С	D	E	F	G B * (C Thru F)	Н	I H * (G/60)
NEW UNE-P DID NONSEQUENTIAL TELEPHONE NUMBERS DISCONNECT - MECHANIZED								
DISCONNECT								
-INTERCONNECT SERVICE CENTER								
Time estimate(s) ordered by commission staff. Process order	6	1.000				6.00	\$40.03	\$4.00
Subtotal - INTERCONNECT SERVICE CENTER						6.00		\$4.00
-RCMAC								
.66 & .34 probability % BY SWITCH TYPE .15 probability % manual handled								
.70 probability % mandar named .70 probability reflects 30% reduction to work time estimates ordered								
RCMAC TRANS DID NUMBER - 5E	0.5	0.660	0.150	0.700		0.03	\$43.81	\$0.03
RCMAC TRANS DID NUMBER - DMS	0.5	0.340	0.150	0.700		0.02	\$43.81	\$0.01
Subtotal - RCMAC						0.05		\$0.04
Total For Service:						6.05		\$4.04

Qwest Advice No. 3376T Page 666 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G	Н	
						B * (C Thru F)		H * (G/60)

NEW UNE-P DID NONSEQUENTIAL TELEPHONE NUMBERS DISCONNECT - MECHANIZED (con't)

13457 Direct Cost			\$4.04
13458			
13459	Cost	Cost	
13460	Calculation	Factor	Cost
13461	ВС	D	E
13462 Directly Assigned			
13463 Product Management Expense	D13463*E13457	0.040393	\$0.16
13464 Sales Expense	D13464*E13457	0.014960	\$0.06
13465 Product Advertising Expense	D13465*E13457	0.000000	\$0.00
13466 Business Fees (Other Operating Taxes)	D13466*Sum(E13457:E13465)	0.042595	\$0.18
13467 Directly Assigned Costs	Sum(E13457:E13466)		\$0.41
13468			
13469 Total Direct Costs	E13457+E13467		\$4.45
13470			
13471 Directly Attributed			
13472 Network Operations	D13472*E13469	0.056129	\$0.25
13473 Network Support Assets	D13473*E13469	0.014074	\$0.06
13474 General Support Assets	D13474*E13469	0.057904	\$0.26
13475 General Purpose Computers	D13475*E13469	0.040926	\$0.18
13476 Uncollectible	D13476*E13469	0.001136	\$0.01
13477 Accounting & Finance Expense	D13477*E13469	0.010471	\$0.05
13478 Human Resources Expense	D13478*E13469	0.009808	\$0.04
13479 Information Management Expense	D13479*E13469	0.068149	\$0.30
13480 Intangibles	D13480*E13469	0.002634	\$0.01
13481 Directly Attributed Costs	Sum(E13472:E13480)		\$1.16
13482			
13483 TELRIC	E13472+E13481		\$5.61
13484			
13485 Common			
13486 Executive Expense	D13486*E13483	0.008052	\$0.05
13487 Planning Expense	D13487*E13483	0.000682	\$0.00
13488 External Relations Expense	D13488*E13483	0.009631	\$0.05
13489 Legal Expense	D13489*E13483	0.007338	\$0.04
13490 Other Procurement Expense	D13490*E13483	0.002772	\$0.02
13491 Research & Development Expense	D13491*E13483	0.000042	\$0.00
13492 Other General and Admin Expense	D13492*E13483	0.019104	\$0.11
13493 Common Costs	Sum(E13486:E13492)		\$0.27
13494			
13495 TELRIC + Common Costs	E13483+E13493		\$5.88

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Study Name: PART D FINAL ORDER NRC STUDY 7246 B Study Year: 2001

Analyst: Deffley/Eoriatti
Product Group: Interconnection

Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
В	С	D	Е	F	G B * (C Thru F)	Н	I H * (G/60)
3	0.700				2.10	\$39.16	\$1.37
5	0.700				3.50	\$39.16	\$2.28
5	0.700				3.50	\$39.16	\$2.28
					9.10		\$5.94
0.5 0.5	0.660 0.340	0.150 0.150	0.700 0.700		0.03 0.02	\$43.81 \$43.81	\$0.03 \$0.01
					0.05		\$0.04
					9.15		\$5.98
	Minutes B 3 5 5	Minutes #1 B C 3 0.700 5 0.700 5 0.700	Minutes #1 #2 B C D 3 0.700 5 0.700 5 0.700 0.5 0.660 0.150	Minutes #1 #2 #3 B C D E 3 0.700 5 0.700 5 0.700 0.5 0.660 0.150 0.700	Minutes #1 #2 #3 #4 B C D E F 3 0.700 5 0.700 5 0.700 0.5 0.660 0.150 0.700	Minutes #1 #2 #3 #4 (Minutes) B C D E F G B * (C Thru F) 3 0.700 2.10 5 0.700 3.50 5 0.700 3.50 9.10 0.5 0.660 0.150 0.700 0.03 0.5 0.340 0.150 0.700 0.02 0.05	Minutes #1 #2 #3 #4 (Minutes) /Hour B C D E F G H B * (C Thru F) B * (C Thru F) H B * (C Thru F) H 5 0.700 3.50 \$39.16 5 0.700 3.50 \$39.16 9.10 9.10 9.10

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Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G	Н	
						B * (C Thru F)		H * (G/60)

NEW UNE-P DID NONSEQUENTIAL TELEPHONE NUMBERS DISCONNECT - MANUAL (con't)

13547 Direct Cost			\$5.98
13548			
13549	Cost	Cost	
13550	Calculation	Factor	Cost
13551	ВС	D	E
13552 Directly Assigned			
13553 Product Management Expense	D13553*E13547	0.040393	\$0.24
13554 Sales Expense	D13554*E13547	0.014960	\$0.09
13555 Product Advertising Expense	D13555*E13547	0.000000	\$0.00
13556 Business Fees (Other Operating Taxes)	D13556*Sum(E13547:E13555)	0.042595	<u>\$0.27</u>
13557 Directly Assigned Costs	Sum(E13547:E13556)		\$0.60
13558			
13559 Total Direct Costs	E13547+E13557		\$6.58
13560			
13561 Directly Attributed			_
13562 Network Operations	D13562*E13559	0.056129	\$0.37
13563 Network Support Assets	D13563*E13559	0.014074	\$0.09
13564 General Support Assets	D13564*E13559	0.057904	\$0.38
13565 General Purpose Computers	D13565*E13559	0.040926	\$0.27
13566 Uncollectible	D13566*E13559	0.001136	\$0.01
13567 Accounting & Finance Expense	D13567*E13559	0.010471	\$0.07
13568 Human Resources Expense	D13568*E13559	0.009808	\$0.06
13569 Information Management Expense	D13569*E13559	0.068149	\$0.45
13570 Intangibles	D13570*E13559	0.002634	\$0.02
13571 Directly Attributed Costs	Sum(E13562:E13570)		\$1.72
13572	F40F00 F40F74		A 0.00
13573 TELRIC	E13562+E13571		\$8.30
13574			
13575 Common	D40F70*F40F70	0.000050	6 0.07
13576 Executive Expense	D13576*E13573 D13577*E13573	0.008052 0.000682	\$0.07
13577 Planning Expense			\$0.01
13578 External Relations Expense	D13578*E13573	0.009631	\$0.08
13579 Legal Expense	D13579*E13573	0.007338	\$0.06
13580 Other Procurement Expense	D13580*E13573	0.002772	\$0.02
13581 Research & Development Expense	D13581*E13573 D13582*E13573	0.000042	\$0.00
13582 Other General and Admin Expense	***	0.019104	\$0.16
13583 Common Costs 13584	Sum(E13576:E13582)		\$0.40
13585 TELRIC + Common Costs	E13573+E13583		\$8.69
13303 TELRIC + COMMON COSTS	E13073+E13083		\$8.69

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Study Name: PART D FINAL ORDER NRC STUDY 7246 B Study Year: 2001

Analyst: Deffley/Eoriatti
Product Group: Interconnection

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	В	С	D	Е	F	G B * (C Thru F)	Н	I H * (G/60)
NEW UNE- P COMPLEX TRANS FOR TRUNKSIDE TERMINATION								
<u>*ADD*</u>								
-COMPLEX TRANSLATIONS DMS ESTABLISH TRUNK GROUPS .20 probability AVG NUMBER OF TRUNKS (5) PER TRUNK GROUP .34 probability = % BY SWITCH TYPE .70 probability reflects 30% reduction to work time estimates ordered ADMIN TRUNK GROUP DMS	65	0.200	0.340	0.700		3.09	\$41.45	\$2.14
MAINT TRUNK GROUP DMS	40	0.200	0.340	0.700		1.90	\$41.45	\$1.32
Subtotal - COMPLEX TRANSLATIONS DMS ESTABLISH TRUNK GROUPS						5.00		\$3.45
- COMPLEX TRANSLATIONS DMS PER TRUNK .70 probability reflects 30% reduction to work time estimates ordered .34 probability % BY SWITCH TYPE ADMIN PER TRUNK DMS	5	0.700	0.340			1.19	\$41.45	\$0.82
MAINT PER TRUNK DMS	115	0.700	0.340			27.37	\$41.45	\$18.91
Subtotal - COMPLEX TRANSLATIONS DMS PER TRUNK						28.56		\$19.73
- COMPLEX TRANSLATIONS 5E ESTABLISH TRUNK GROUPS .20 probability AVG NUMBER OF TRUNKS (5) PER TRUNK GROUP .66 probability % BY SWITCH TYPE .70 probability reflects 30% reduction to work time estimates ordered ADMIN TRUNK GROUP 5E MAINT TRUNK GROUP 5E	35 50	0.200 0.200	0.660 0.660	0.700 0.700		3.23 4.62	\$41.45 \$41.45	\$2.23 \$3.19
Subtotal - COMPLEX TRANSLATIONS 5E ESTABLISH TRUNK GROUPS						7.85		\$5.43
- COMPLEX TRANSLATIONS 5E PER TRUNK .70 probability reflects 30% reduction to work time estimates ordered .66 probability % BY SWITCH TYPE ADMIN PER TRUNK 5E	5	0.700	0.660			2.31	\$41.45	\$1.60
MAINT PER TRUNK 5E	150	0.700	0.660			69.30	\$41.45	\$47.87
Subtotal - COMPLEX TRANSLATIONS 5E PER TRUNK						71.61		\$49.47
- COMPLEX TRANSLATIONS 5E PER CUSTOMER .10 probability AVG NUMBER OF TRUNK GROUPS PER CUSTOMER .66 probability % BY SWITCH TYPE .70 probability reflects 30% reduction to work time estimates ordered ADMIN PER CUSTOMER 5E	5	0.100	0.660	0.700		0.23	\$41.45	\$0.16
MAINT PER CUSTOMER 5E	10	0.100	0.660	0.700		0.46	\$41.45	\$0.32

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Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G	Н	
						B * (C Thru F)		H * (G/60)

NEW UNE- P COMPLEX TRANS FOR TRUNKSIDE TERMINATION (con't)

Subtotal - COMPLEX TRANSLATIONS 5E PER CUSTOMER	0.69	\$0.48
Total For Service:	113.72	\$78.56

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Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	
						B * (C Thru F)		H * (G/60)

NEW UNE- P COMPLEX TRANS FOR TRUNKSIDE TERMINATION (con't)

13682 Direct Cost			\$78.56
13683			
13684	Cost	Cost	
13685	Calculation	Factor	Cost
13686	ВС	D	E
13687 Directly Assigned			
13688 Product Management Expense	D13688*E13682	0.040393	\$3.17
13689 Sales Expense	D13689*E13682	0.014960	\$1.18
13690 Product Advertising Expense	D13690*E13682	0.000000	\$0.00
13691 Business Fees (Other Operating Taxes)	D13691*Sum(E13682:E13690)	0.042595	\$3.53
13692 Directly Assigned Costs	Sum(E13682:E13691)		\$7.88
13693			
13694 Total Direct Costs	E13682+E13692		\$86.44
13695			
13696 Directly Attributed			
13697 Network Operations	D13697*E13694	0.056129	\$4.85
13698 Network Support Assets	D13698*E13694	0.014074	\$1.22
13699 General Support Assets	D13699*E13694	0.057904	\$5.01
13700 General Purpose Computers	D13700*E13694	0.040926	\$3.54
13701 Uncollectible	D13701*E13694	0.001136	\$0.10
13702 Accounting & Finance Expense	D13702*E13694	0.010471	\$0.91
13703 Human Resources Expense	D13703*E13694	0.009808	\$0.85
13704 Information Management Expense	D13704*E13694	0.068149	\$5.89
13705 Intangibles	D13705*E13694	0.002634	\$0.23
13706 Directly Attributed Costs	Sum(E13697:E13705)		\$22.58
13707			
13708 TELRIC	E13697+E13706		\$109.02
13709			
13710 Common			
13711 Executive Expense	D13711*E13708	0.008052	\$0.88
13712 Planning Expense	D13712*E13708	0.000682	\$0.07
13713 External Relations Expense	D13713*E13708	0.009631	\$1.05
13714 Legal Expense	D13714*E13708	0.007338	\$0.80
13715 Other Procurement Expense	D13715*E13708	0.002772	\$0.30
13716 Research & Development Expense	D13716*E13708	0.000042	\$0.00
13717 Other General and Admin Expense	D13717*E13708	0.019104	\$2.08
13718 Common Costs	Sum(E13711:E13717)		\$5.19
13719			
13720 TELRIC + Common Costs	E13708+E13718		\$114.21

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Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti
Product Group: Interconnection

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	В	С	D	Е	F	G B * (C Thru F)	Н	I H * (G/60)
NEW UNE-P 2B+D BRI ISDN INSTALL - MECHANIZED								
NEW ONE ! ESTA BILLIONALE MESTANIES								
<u>*ADD*</u>								
-INTERCONNECTION SERVICER CENTER Time estimate(s) ordered by commission staff. Process order	6	1.000				6.00	\$40.03	\$4.00
Subtotal - INTERCONNECTION SERVICER CENTER						6.00		\$4.00
-LOOP PROVISIONING CENTER								
Probability is % manual work required. Commision staff ordered.								
.70 probability reflects 30% reduction to work time estimates ordered	44.05	0.450	0.700			4.40	\$07.70	00.74
Clearing time per RMA(Req for man asst)	11.25	0.150	0.700			1.18	\$37.78	\$0.74
Subtotal - LOOP PROVISIONING CENTER						1.18		\$0.74
-DESIGN SERVICE CENTER - DESIGN 20, 10 & .05 probability % manual work is required. Reciprocal is mechanization rate70 probability reflects 30% reduction to work time estimates ordered								
Order handling/screening Generic Order Control order log	5	0.200	0.700			0.70	\$44.31	\$0.52
Enter Work Authorization Mask	6 5	0.200 0.100	0.700 0.700			0.84 0.35	\$44.31 \$44.31	\$0.62 \$0.26
Prepare loop input/DRI (design related info)	10	0.200	0.700			1.40	\$44.31	\$1.03
Circuit Design	20	0.100	0.700			1.40	\$44.31	\$1.03
Distribute Word (Work Order Record Detail) documents	2	0.050	0.700			0.07	\$44.31	\$0.05
Subtotal - DESIGN SERVICE CENTER - DESIGN						4.76		\$3.52
-CENTRAL OFFICE TECHNICIAN .70 probability reflects 30% reduction to work time estimates ordered .04 based on average of 24 members per group (1/23)								
Analyze order 1st trunk	5	1.000	0.700			3.50	\$43.81	\$2.56
Analyze order addl trunk Complete Cross connect 1st trunk	5	0.040 1.000	0.700 0.700			0.14 2.80	\$43.81 \$43.81	\$0.10 \$2.04
Complete Cross connect addl trunk	4	0.040	0.700			0.11	\$43.81	\$0.08
Complete Loop Qualification 1st trunk	2	1.000	0.700			1.40	\$43.81	\$1.02
Complete Loop Qualification addl trunk Record DVA Test Results 1st trunk	2 2	0.040 1.000	0.700 0.700			0.06 1.40	\$43.81 \$43.81	\$0.04 \$1.02
Record DVA Test Results 1st trank Record DVA Test Results addl trunk	2	0.040	0.700			0.06	\$43.81	\$0.04
Post DVA work complete in WFA-DI 1st trunk	2	1.000	0.700			1.40	\$43.81	\$1.02
Post DVA work complete in WFA-DI addl trunk Analyze DD WFADI work request 1st trunk	2	0.040	0.700			0.06	\$43.81	\$0.04
Analyze DD WFADI work request 1st trunk Analyze DD WFADI work request addl trunk	2 1	1.000 0.040	0.700 0.700			1.40 0.03	\$43.81 \$43.81	\$1.02 \$0.02
	•					2.00		+ -

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Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	В	С	D	Е	F	G B * (C Thru F)	Н	I H * (G/60)
NEW UNE-P 2B+D BRI ISDN INSTALL - MECHANIZED (con't)								
Set up of DD test with I&M tech 1st trunk	2	1.000	0.700			1.40	\$43.81	\$1.02
Set up of DD test with I&M tech addl trunk	1	0.040	0.700			0.03	\$43.81	\$0.02
Complete DD work status with CCTI 1st trunk Complete DD work status with CCTI addl trunk	3 1	1.000 0.040	0.700 0.700			2.10 0.03	\$43.81 \$43.81	\$1.53 \$0.02
Subtotal - CENTRAL OFFICE TECHNICIAN						15.90		\$11.61
-LOAD RESOURCE ADMINISTRATION CENTER (LRAC)								
.70 probability reflects 30% reduction to work time estimates ordered								
Screen order	2	0.700				1.40	\$37.78	\$0.88
Load work request to technician	5	0.700				3.50	\$37.78	\$2.20
Close out work request with technician	3	0.700				2.10	\$37.78	\$1.32
Subtotal - LOAD RESOURCE ADMINISTRATION CENTER (LRAC)						7.00		\$4.41
-INSTALLATION/FIELD TECHNICIAN								
.70 probability reflects 30% reduction to work time estimates ordered								
.20 probability % manual work is required.								
Analyze order	1	1.000	0.700			0.70	\$42.68	\$0.50
Travel to end user premises	21	1.000	0.700			14.70	\$42.68	\$10.46
Complete AP/SAC Point wiring	13	0.200	0.700			1.82	\$42.68	\$1.29
Complete Service Terminal Work	15	0.200	0.700			2.10	\$42.68	\$1.49
Customer Contact	5	1.000	0.700			3.50	\$42.68	\$2.49
Contact CCT-I to work order	3	1.000	0.700			2.10	\$42.68	\$1.49
Complete Performance/Conformance Testing	15	1.000	0.700			10.50	\$42.68	\$7.47
Complete work request with Load Specialist	3	1.000	0.700			2.10	\$42.68	\$1.49
Subtotal - INSTALLATION/FIELD TECHNICIAN						37.52		\$26.69
-SERVICE DELIVERY IMPLEMENTOR								
.70 probability reflects 30% reduction to work time estimates ordered								
Screen WFA (Work Force Administration) for circuit	10	0.700				7.00	\$43.81	\$5.11
Verify LNO (Local Network Operation) completion	10	0.700				7.00	\$43.81	\$5.11
Complete performance testing	15	0.700				10.50	\$43.81	\$7.67
Notify customer/co-provider of work completion	5	0.700				3.50	\$43.81	\$2.56
Post order complete in WFA/C (Work Force Administration - Control Module)	10	0.700				7.00	\$43.81	\$5.11
Subtotal - SERVICE DELIVERY IMPLEMENTOR						35.00		\$25.56
-RCMAC								
.70 probability reflects 30% reduction to work time estimates ordered							4.	
Translations - 2B+D	4	0.700				2.80	\$43.81	\$2.04

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Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G	Н	
						B * (C Thru F)		H * (G/60)

NEW UNE-P 2B+D BRI ISDN INSTALL - MECHANIZED (con't)

al - RCMAC				2.80		
С						
.66 & .34 probability is % by switch type						
.70 probability reflects 30% reduction to work time estimates ordered						
AIOD - 5E	1	0.660	0.700	0.46	\$43.81	
AIOD - DMS	1	0.340	0.700	0.24	\$43.81	
ADDITIONAL CALL APPEARANCE - 5E	1	0.660	0.700	0.46	\$43.81	
ADDITIONAL CALL APPEARANCE - DMS	5	0.340	0.700	1.19	\$43.81	
B CHANNEL CIRCUIT SWITCHED DATA - 5E	8	0.660	0.700	3.70	\$43.81	
B CHANNEL CIRCUIT SWITCHED DATA - DMS	8	0.340	0.700	1.90	\$43.81	
CALL EXCLUSION (MADN)(PICK ONE) AUTO OR MANUAL - 5E	1	0.660	0.700	0.46	\$43.81	
CALL EXCLUSION (MADN)(PICK ONE) AUTO OR MANUAL - DMS	1	0.340	0.700	0.24	\$43.81	
CALL FORWARD BUSY LINE CSD - 5E	1	0.660	0.700	0.46	\$43.81	
CALL FORWARD BUSY LINE CSD - DMS	i	0.340	0.700	0.24	\$43.81	
CALL FORWARD DON'T ANSWER CSD - 5E	1	0.660	0.700	0.46	\$43.81	
CALL FORWARD DON'T ANSWER CSD - DMS	1	0.340	0.700	0.24	\$43.81	
CALL FORWARD VARIABLE CSD - 5E	1	0.660	0.700	0.46	\$43.81	
CALL FORWARD VARIABLE CSD - DMS	1	0.340	0.700	0.24	\$43.81	
CALL FORWARD BUSY LINE CSV - 5E	1	0.660	0.700	0.46	\$43.81	
CALL FORWARD BUSY LINE CSV - DMS	1	0.340	0.700	0.24	\$43.81	
CALL FORWARD DON'T ANSWER CSV - 5E	1	0.660	0.700	0.46	\$43.81	
CALL FORWARD DON'T ANSWER CSV - DMS	1	0.340	0.700	0.24	\$43.81	
CALL FORWARD VARIABLE CSV - 5E	1	0.660	0.700	0.46	\$43.81	
CALL FORWARD VARIABLE CSV - DMS	1	0.340	0.700	0.24	\$43.81	
CALL HOLD - 5E	1	0.660	0.700	0.46	\$43.81	
CALL HOLD - DMS	1	0.340	0.700	0.24	\$43.81	
CALL TRANSFER - DMS	1	0.340	0.700	0.24	\$43.81	
CALLING NUMBER DELIVERY BLOCKING/CALL - 5E	1	0.660	0.700	0.46	\$43.81	
CALLING NUMBER DELIVERY BLOCKING/CALL - DMS	1	0.340	0.700	0.24	\$43.81	
CALLING PARTY NUMBER DELIVERY, ONLY, FLAT, ALL - 5E	1	0.660	0.700	0.46	\$43.81	
CALLING PARTY NUMBER DELIVERY, ONLY, FLAT, ALL - DMS	1	0.340	0.700	0.24	\$43.81	
CONFERENCE CALLING 3 - WAY - 5E	1	0.660	0.700	0.46	\$43.81	
CONFERENCE CALLING 3 - WAY - DMS	1	0.340	0.700	0.24	\$43.81	
D CHANNEL PACKET SWITCHED DATA - 5E	8	0.660	0.700	3.70	\$43.81	
D CHANNEL PACKET SWITCHED DATA - DMS	8	0.340	0.700	1.90	\$43.81	
DISPLAY NUMBER CALLING LINE IDENTIFICATION (OCLID) - 5E	1	0.660	0.700	0.46	\$43.81	
DISPLAY/DISPLAYED CALLED NUMBER (ICLID) - 5E	1	0.340	0.700	0.24	\$43.81	
DROP - DMS	1	0.340	0.700	0.24	\$43.81	
INTERCOM (AUTO/GROUP) 2 FEATURES - 5E	2	0.660	0.700	0.92	\$43.81	
INTERCOM (AUTO/GROUP) 2 FEATURES - DMS	2	0.340	0.700	0.48	\$43.81	
MESSAGE WAITING INDICATOR AUDIBLE/VISUAL - 5E	1	0.660	0.700	0.46	\$43.81	
MESSAGE WAITING INDICATOR AUDIBLE/VISUAL - DMS	1	0.340	0.700	0.24	\$43.81	

Qwest Advice No. 3376T Page 675 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti Product Group: Interconnection

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	В	С	D	E	F	G	Н	I (2 (22)
						B * (C Thru F)		H * (G/60)
W UNE-P 2B+D BRI ISDN INSTALL - MECHANIZED (con't)								
PRIMARY DIRECTORY NUMBER - 5E	1	0.660	0.700			0.46	\$43.81	\$0.3
PRIMARY DIRECTORY NUMBER - DMS	1	0.340	0.700			0.24	\$43.81	\$0.1
RINGING NORMAL - DMS	1	0.340	0.700			0.24	\$43.81	\$0.1
SECONDARY DIRECTORY NUMBER - 5E	3	0.660	0.700			1.39	\$43.81	\$1.0
SECONDARY DIRECTORY NUMBER - DMS	3	0.340	0.700			0.71	\$43.81	\$0.5
SHARED CALL APPEARANCE (QTY 2) - 5E	1	0.660	0.700			0.46	\$43.81 \$43.81	\$0.3
SHARED CALL APPEARANCE (QTY 2) - DMS	1	0.340	0.700			0.24	\$43.81 \$43.81	\$0.7
SPEED CALL 30 - 5E SPEED CALL 30 - DMS	1	0.660 0.340	0.700 0.700			0.46 0.24	\$43.81	\$0.3 \$0.
X.25 FLOW CONTROL PARAMETER NEGOTIATION, PER CALL - 5E	1	0.340	0.700			0.24	\$43.81	\$0. \$0.
X.25 FLOW CONTROL PARAMETER NEGOTIATION, PER CALL - DMS	1	0.340	0.700			0.40	\$43.81	\$0.5 \$0.1
X.25 LOGICAL CHANNELS - 5E	, 1	0.660	0.700			0.46	\$43.81	\$0.3
X.25 LOGICAL CHANNELS - DMS	1	0.340	0.700			0.40	\$43.81	\$0.0 \$0.0
X.25 THROUGHTOUT CLASS NEGOTIATION, PER CALL - 5E	1	0.660	0.700			0.46	\$43.81	\$0.3
X.25 THROUGHTOUT CLASS NEGOTIATION, PER CALL - DMS	i	0.340	0.700			0.24	\$43.81	\$0.
·	•						*	• •
total - RCMAC						31.07		\$22.6
.66 & .34 probability is % by switch type .003 probability weighting of SLS line counts to ISDN equipped Central Offices (137,938 lines to 382 central offices)								
.66 & .34 probability is % by switch type .003 probability weighting of SLS line counts to ISDN equipped Central Offices (137,938 lines to 382 central offices) .70 probability reflects 30% reduction to work time estimates ordered								
.66 & .34 probability is % by switch type .003 probability weighting of SLS line counts to ISDN equipped Central Offices (137,938 lines to 382 central offices) .70 probability reflects 30% reduction to work time estimates ordered CALL EXCLUSION (MADN) (PICK ONE) AUTO OR MANUAL - ADMIN - 5E	7	0.660	0.003	0.700		0.01	\$41.45	
.66 & .34 probability is % by switch type .003 probability weighting of SLS line counts to ISDN equipped Central Offices (137,938 lines to 382 central offices) .70 probability reflects 30% reduction to work time estimates ordered CALL EXCLUSION (MADN) (PICK ONE) AUTO OR MANUAL - ADMIN - 5E CALL EXCLUSION (MADN) (PICK ONE) AUTO OR MANUAL - MTCE - 5E	7	0.660	0.003	0.700		0.01	\$41.45	\$0.0
.66 & .34 probability is % by switch type .003 probability weighting of SLS line counts to ISDN equipped Central Offices (137,938 lines to 382 central offices) .70 probability reflects 30% reduction to work time estimates ordered CALL EXCLUSION (MADN) (PICK ONE) AUTO OR MANUAL - ADMIN - 5E CALL EXCLUSION (MADN) (PICK ONE) AUTO OR MANUAL - MTCE - 5E CALL FORWARD BUSY LINE CSD - ADMIN - 5E	7 30	0.660 0.660	0.003 0.003	0.700 0.700		0.01 0.04	\$41.45 \$41.45	\$0. \$0.
.66 & .34 probability is % by switch type .003 probability weighting of SLS line counts to ISDN equipped Central Offices (137,938 lines to 382 central offices) .70 probability reflects 30% reduction to work time estimates ordered CALL EXCLUSION (MADN) (PICK ONE) AUTO OR MANUAL - ADMIN - 5E CALL EXCLUSION (MADN) (PICK ONE) AUTO OR MANUAL - MTCE - 5E CALL FORWARD BUSY LINE CSD - ADMIN - 5E CALL FORWARD BUSY LINE CSD - MTCE - 5E	7 30 30	0.660 0.660 0.660	0.003 0.003 0.003	0.700 0.700 0.700		0.01 0.04 0.04	\$41.45 \$41.45 \$41.45	\$0. \$0. \$0.
.66 & .34 probability is % by switch type .003 probability weighting of SLS line counts to ISDN equipped Central Offices (137,938 lines to 382 central offices) .70 probability reflects 30% reduction to work time estimates ordered CALL EXCLUSION (MADN) (PICK ONE) AUTO OR MANUAL - ADMIN - 5E CALL EXCLUSION (MADN) (PICK ONE) AUTO OR MANUAL - MTCE - 5E CALL FORWARD BUSY LINE CSD - ADMIN - 5E CALL FORWARD BUSY LINE CSD - MTCE - 5E CALL FORWARD DON'T ANSWER CSD - ADMIN - 5E	7 30 30 30	0.660 0.660 0.660 0.660	0.003 0.003 0.003 0.003	0.700 0.700 0.700 0.700		0.01 0.04 0.04 0.04	\$41.45 \$41.45 \$41.45 \$41.45	\$0. \$0. \$0. \$0.
.66 & .34 probability is % by switch type .003 probability weighting of SLS line counts to ISDN equipped Central Offices (137,938 lines to 382 central offices) .70 probability reflects 30% reduction to work time estimates ordered CALL EXCLUSION (MADN) (PICK ONE) AUTO OR MANUAL - ADMIN - 5E CALL EXCLUSION (MADN) (PICK ONE) AUTO OR MANUAL - MTCE - 5E CALL FORWARD BUSY LINE CSD - ADMIN - 5E CALL FORWARD BUSY LINE CSD - MTCE - 5E CALL FORWARD DON'T ANSWER CSD - ADMIN - 5E CALL FORWARD DON'T ANSWER CSD - MTCE - 5E	7 30 30 30 30 30	0.660 0.660 0.660 0.660 0.660	0.003 0.003 0.003 0.003 0.003	0.700 0.700 0.700 0.700 0.700		0.01 0.04 0.04 0.04 0.04	\$41.45 \$41.45 \$41.45 \$41.45 \$41.45	\$0. \$0. \$0. \$0. \$0.
.66 & .34 probability is % by switch type .003 probability weighting of SLS line counts to ISDN equipped Central Offices (137,938 lines to 382 central offices) .70 probability reflects 30% reduction to work time estimates ordered CALL EXCLUSION (MADN) (PICK ONE) AUTO OR MANUAL - ADMIN - 5E CALL EXCLUSION (MADN) (PICK ONE) AUTO OR MANUAL - MTCE - 5E CALL FORWARD BUSY LINE CSD - ADMIN - 5E CALL FORWARD BUSY LINE CSD - MTCE - 5E CALL FORWARD DON'T ANSWER CSD - ADMIN - 5E CALL FORWARD DON'T ANSWER CSD - MTCE - 5E CALL FORWARD DON'T ANSWER CSD - ADMIN - DMS	7 30 30 30 30 30	0.660 0.660 0.660 0.660 0.660 0.340	0.003 0.003 0.003 0.003 0.003 0.003	0.700 0.700 0.700 0.700 0.700 0.700		0.01 0.04 0.04 0.04 0.04 0.01	\$41.45 \$41.45 \$41.45 \$41.45 \$41.45 \$41.45	\$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0
.66 & .34 probability is % by switch type .003 probability weighting of SLS line counts to ISDN equipped Central Offices (137,938 lines to 382 central offices) .70 probability reflects 30% reduction to work time estimates ordered CALL EXCLUSION (MADN) (PICK ONE) AUTO OR MANUAL - ADMIN - 5E CALL EXCLUSION (MADN) (PICK ONE) AUTO OR MANUAL - MTCE - 5E CALL FORWARD BUSY LINE CSD - ADMIN - 5E CALL FORWARD BUSY LINE CSD - MTCE - 5E CALL FORWARD DON'T ANSWER CSD - ADMIN - 5E CALL FORWARD DON'T ANSWER CSD - MTCE - 5E CALL FORWARD DON'T ANSWER CSD - ADMIN - DMS CALL FORWARD DON'T ANSWER CSD - MTCE - DMS	7 30 30 30 30 30 10	0.660 0.660 0.660 0.660 0.660 0.340 0.340	0.003 0.003 0.003 0.003 0.003 0.003 0.003	0.700 0.700 0.700 0.700 0.700 0.700 0.700		0.01 0.04 0.04 0.04 0.04 0.01	\$41.45 \$41.45 \$41.45 \$41.45 \$41.45 \$41.45 \$41.45	\$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0
.66 & .34 probability is % by switch type .003 probability weighting of SLS line counts to ISDN equipped Central Offices (137,938 lines to 382 central offices) .70 probability reflects 30% reduction to work time estimates ordered CALL EXCLUSION (MADN) (PICK ONE) AUTO OR MANUAL - ADMIN - 5E CALL EXCLUSION (MADN) (PICK ONE) AUTO OR MANUAL - MTCE - 5E CALL FORWARD BUSY LINE CSD - ADMIN - 5E CALL FORWARD BUSY LINE CSD - MTCE - 5E CALL FORWARD DON'T ANSWER CSD - ADMIN - 5E CALL FORWARD DON'T ANSWER CSD - MTCE - 5E CALL FORWARD DON'T ANSWER CSD - ADMIN - DMS CALL FORWARD DON'T ANSWER CSD - MTCE - DMS CALL FORWARD VARIABLE CSD - ADMIN - 5E	7 30 30 30 30 10 10	0.660 0.660 0.660 0.660 0.660 0.340 0.340 0.660	0.003 0.003 0.003 0.003 0.003 0.003 0.003	0.700 0.700 0.700 0.700 0.700 0.700 0.700 0.700		0.01 0.04 0.04 0.04 0.04 0.01 0.01	\$41.45 \$41.45 \$41.45 \$41.45 \$41.45 \$41.45 \$41.45	\$0.6 \$0.6 \$0.6 \$0.6 \$0.6 \$0.6 \$0.6
.66 & .34 probability is % by switch type .003 probability weighting of SLS line counts to ISDN equipped Central Offices (137,938 lines to 382 central offices) .70 probability reflects 30% reduction to work time estimates ordered CALL EXCLUSION (MADN) (PICK ONE) AUTO OR MANUAL - ADMIN - 5E CALL EXCLUSION (MADN) (PICK ONE) AUTO OR MANUAL - MTCE - 5E CALL FORWARD BUSY LINE CSD - ADMIN - 5E CALL FORWARD BUSY LINE CSD - MTCE - 5E CALL FORWARD DON'T ANSWER CSD - ADMIN - 5E CALL FORWARD DON'T ANSWER CSD - MTCE - 5E CALL FORWARD DON'T ANSWER CSD - ADMIN - DMS CALL FORWARD DON'T ANSWER CSD - MTCE - DMS CALL FORWARD VARIABLE CSD - ADMIN - 5E CALL FORWARD VARIABLE CSD - ADMIN - 5E	7 30 30 30 30 10 10 30 30	0.660 0.660 0.660 0.660 0.340 0.340 0.660 0.660	0.003 0.003 0.003 0.003 0.003 0.003 0.003 0.003	0.700 0.700 0.700 0.700 0.700 0.700 0.700 0.700 0.700		0.01 0.04 0.04 0.04 0.04 0.01 0.01 0.04 0.04	\$41.45 \$41.45 \$41.45 \$41.45 \$41.45 \$41.45 \$41.45 \$41.45 \$41.45	\$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0
.66 & .34 probability is % by switch type .003 probability weighting of SLS line counts to ISDN equipped Central Offices (137,938 lines to 382 central offices) .70 probability reflects 30% reduction to work time estimates ordered CALL EXCLUSION (MADN) (PICK ONE) AUTO OR MANUAL - ADMIN - 5E CALL EXCLUSION (MADN) (PICK ONE) AUTO OR MANUAL - MTCE - 5E CALL FORWARD BUSY LINE CSD - ADMIN - 5E CALL FORWARD BUSY LINE CSD - MTCE - 5E CALL FORWARD DON'T ANSWER CSD - ADMIN - 5E CALL FORWARD DON'T ANSWER CSD - MTCE - 5E CALL FORWARD DON'T ANSWER CSD - ADMIN - DMS CALL FORWARD DON'T ANSWER CSD - MTCE - DMS CALL FORWARD VARIABLE CSD - ADMIN - 5E CALL FORWARD VARIABLE CSD - MTCE - 5E CALL FORWARD VARIABLE CSD - ADMIN - 5E CALL FORWARD VARIABLE CSD - ADMIN - DMS	7 30 30 30 30 10 10 30 30 30	0.660 0.660 0.660 0.660 0.340 0.340 0.660 0.660 0.340	0.003 0.003 0.003 0.003 0.003 0.003 0.003 0.003 0.003	0.700 0.700 0.700 0.700 0.700 0.700 0.700 0.700 0.700 0.700		0.01 0.04 0.04 0.04 0.04 0.01 0.01 0.04 0.04	\$41.45 \$41.45 \$41.45 \$41.45 \$41.45 \$41.45 \$41.45 \$41.45 \$41.45 \$41.45	\$0. \$0. \$0. \$0. \$0. \$0. \$0. \$0. \$0. \$0.
.66 & .34 probability is % by switch type .003 probability weighting of SLS line counts to ISDN equipped Central Offices (137,938 lines to 382 central offices) .70 probability reflects 30% reduction to work time estimates ordered CALL EXCLUSION (MADN) (PICK ONE) AUTO OR MANUAL - ADMIN - 5E CALL EXCLUSION (MADN) (PICK ONE) AUTO OR MANUAL - MTCE - 5E CALL FORWARD BUSY LINE CSD - ADMIN - 5E CALL FORWARD BUSY LINE CSD - ADMIN - 5E CALL FORWARD DON'T ANSWER CSD - ADMIN - 5E CALL FORWARD DON'T ANSWER CSD - MTCE - 5E CALL FORWARD DON'T ANSWER CSD - MTCE - 5E CALL FORWARD DON'T ANSWER CSD - MTCE - DMS CALL FORWARD VARIABLE CSD - ADMIN - 5E CALL FORWARD VARIABLE CSD - ADMIN - DMS CALL FORWARD VARIABLE CSD - ADMIN - DMS	7 30 30 30 30 10 10 30 30 20 25	0.660 0.660 0.660 0.660 0.340 0.340 0.660 0.660 0.340 0.340	0.003 0.003 0.003 0.003 0.003 0.003 0.003 0.003 0.003 0.003	0.700 0.700 0.700 0.700 0.700 0.700 0.700 0.700 0.700 0.700 0.700		0.01 0.04 0.04 0.04 0.01 0.01 0.01 0.04 0.04	\$41.45 \$41.45 \$41.45 \$41.45 \$41.45 \$41.45 \$41.45 \$41.45 \$41.45 \$41.45 \$41.45	\$0. \$0. \$0. \$0. \$0. \$0. \$0. \$0. \$0.
.66 & .34 probability is % by switch type .003 probability weighting of SLS line counts to ISDN equipped Central Offices (137,938 lines to 382 central offices) .70 probability reflects 30% reduction to work time estimates ordered CALL EXCLUSION (MADN) (PICK ONE) AUTO OR MANUAL - ADMIN - 5E CALL EXCLUSION (MADN) (PICK ONE) AUTO OR MANUAL - MTCE - 5E CALL FORWARD BUSY LINE CSD - ADMIN - 5E CALL FORWARD BUSY LINE CSD - MTCE - 5E CALL FORWARD DON'T ANSWER CSD - ADMIN - 5E CALL FORWARD DON'T ANSWER CSD - MTCE - 5E CALL FORWARD DON'T ANSWER CSD - MTCE - DMS CALL FORWARD DON'T ANSWER CSD - MTCE - DMS CALL FORWARD VARIABLE CSD - MTCE - 5E CALL FORWARD VARIABLE CSD - MTCE - 5E CALL FORWARD VARIABLE CSD - ADMIN - DMS CALL FORWARD VARIABLE CSD - MTCE - DMS CALL FORWARD BUSY LINE CSV - ADMIN - 5E	7 30 30 30 30 10 10 10 30 20 25 30	0.660 0.660 0.660 0.660 0.340 0.340 0.660 0.340 0.340 0.340 0.340	0.003 0.003 0.003 0.003 0.003 0.003 0.003 0.003 0.003 0.003	0.700 0.700 0.700 0.700 0.700 0.700 0.700 0.700 0.700 0.700 0.700		0.01 0.04 0.04 0.04 0.01 0.01 0.04 0.04	\$41.45 \$41.45 \$41.45 \$41.45 \$41.45 \$41.45 \$41.45 \$41.45 \$41.45 \$41.45 \$41.45	\$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0
.66 & .34 probability is % by switch type .003 probability weighting of SLS line counts to ISDN equipped Central Offices (137,938 lines to 382 central offices) .70 probability reflects 30% reduction to work time estimates ordered CALL EXCLUSION (MADN) (PICK ONE) AUTO OR MANUAL - ADMIN - 5E CALL EXCLUSION (MADN) (PICK ONE) AUTO OR MANUAL - MTCE - 5E CALL FORWARD BUSY LINE CSD - ADMIN - 5E CALL FORWARD BUSY LINE CSD - MTCE - 5E CALL FORWARD DON'T ANSWER CSD - ADMIN - 5E CALL FORWARD DON'T ANSWER CSD - MTCE - 5E CALL FORWARD DON'T ANSWER CSD - MTCE - 5E CALL FORWARD DON'T ANSWER CSD - MTCE - DMS CALL FORWARD VARIABLE CSD - ADMIN - 5E CALL FORWARD VARIABLE CSD - MTCE - 5E CALL FORWARD VARIABLE CSD - ADMIN - 5E CALL FORWARD VARIABLE CSD - MTCE - 5E CALL FORWARD VARIABLE CSD - MTCE - 5E CALL FORWARD VARIABLE CSD - MTCE - 5E CALL FORWARD BUSY LINE CSV - ADMIN - 5E CALL FORWARD BUSY LINE CSV - ADMIN - 5E	7 30 30 30 30 10 10 30 30 20 25 30 30	0.660 0.660 0.660 0.660 0.340 0.340 0.660 0.340 0.340 0.360 0.660	0.003 0.003 0.003 0.003 0.003 0.003 0.003 0.003 0.003 0.003 0.003	0.700 0.700 0.700 0.700 0.700 0.700 0.700 0.700 0.700 0.700 0.700 0.700		0.01 0.04 0.04 0.04 0.01 0.01 0.04 0.04	\$41.45 \$41.45 \$41.45 \$41.45 \$41.45 \$41.45 \$41.45 \$41.45 \$41.45 \$41.45 \$41.45 \$41.45	\$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0
.66 & .34 probability is % by switch type .003 probability weighting of SLS line counts to ISDN equipped Central Offices (137,938 lines to 382 central offices) .70 probability reflects 30% reduction to work time estimates ordered CALL EXCLUSION (MADN) (PICK ONE) AUTO OR MANUAL - ADMIN - 5E CALL EXCLUSION (MADN) (PICK ONE) AUTO OR MANUAL - MTCE - 5E CALL FORWARD BUSY LINE CSD - ADMIN - 5E CALL FORWARD BUSY LINE CSD - MTCE - 5E CALL FORWARD DON'T ANSWER CSD - ADMIN - 5E CALL FORWARD DON'T ANSWER CSD - MTCE - 5E CALL FORWARD DON'T ANSWER CSD - ADMIN - DMS CALL FORWARD DON'T ANSWER CSD - MTCE - DMS CALL FORWARD VARIABLE CSD - ADMIN - 5E CALL FORWARD VARIABLE CSD - MTCE - 5E CALL FORWARD VARIABLE CSD - MTCE - 5E CALL FORWARD VARIABLE CSD - ADMIN - DMS CALL FORWARD VARIABLE CSD - MTCE - 5E CALL FORWARD BUSY LINE CSV - ADMIN - 5E CALL FORWARD BUSY LINE CSV - ADMIN - 5E CALL FORWARD BUSY LINE CSV - ADMIN - 5E CALL FORWARD BUSY LINE CSV - ADMIN - 5E CALL FORWARD BUSY LINE CSV - ADMIN - 5E	7 30 30 30 30 10 10 30 30 20 25 30 30 30	0.660 0.660 0.660 0.660 0.340 0.340 0.660 0.340 0.340 0.360 0.660 0.660	0.003 0.003 0.003 0.003 0.003 0.003 0.003 0.003 0.003 0.003 0.003 0.003	0.700 0.700 0.700 0.700 0.700 0.700 0.700 0.700 0.700 0.700 0.700 0.700 0.700		0.01 0.04 0.04 0.04 0.01 0.01 0.01 0.04 0.04	\$41.45 \$41.45 \$41.45 \$41.45 \$41.45 \$41.45 \$41.45 \$41.45 \$41.45 \$41.45 \$41.45 \$41.45	\$0.6 \$0.6 \$0.6 \$0.6 \$0.6 \$0.6 \$0.6 \$0.6
.66 & .34 probability is % by switch type .003 probability weighting of SLS line counts to ISDN equipped Central Offices (137,938 lines to 382 central offices) .70 probability reflects 30% reduction to work time estimates ordered CALL EXCLUSION (MADN) (PICK ONE) AUTO OR MANUAL - ADMIN - 5E CALL EXCLUSION (MADN) (PICK ONE) AUTO OR MANUAL - MTCE - 5E CALL FORWARD BUSY LINE CSD - ADMIN - 5E CALL FORWARD BUSY LINE CSD - MTCE - 5E CALL FORWARD DON'T ANSWER CSD - ADMIN - 5E CALL FORWARD DON'T ANSWER CSD - MTCE - 5E CALL FORWARD DON'T ANSWER CSD - MTCE - 5E CALL FORWARD DON'T ANSWER CSD - MTCE - DMS CALL FORWARD VARIABLE CSD - ADMIN - 5E CALL FORWARD VARIABLE CSD - MTCE - DMS CALL FORWARD VARIABLE CSD - MTCE - DMS CALL FORWARD BUSY LINE CSV - ADMIN - 5E CALL FORWARD BUSY LINE CSV - ADMIN - 5E CALL FORWARD DON'T ANSWER CSV - MTCE - 5E CALL FORWARD DON'T ANSWER CSV - ADMIN - 5E CALL FORWARD DON'T ANSWER CSV - ADMIN - 5E	7 30 30 30 30 10 10 30 30 20 25 30 30	0.660 0.660 0.660 0.660 0.340 0.340 0.660 0.340 0.340 0.360 0.660	0.003 0.003 0.003 0.003 0.003 0.003 0.003 0.003 0.003 0.003 0.003	0.700 0.700 0.700 0.700 0.700 0.700 0.700 0.700 0.700 0.700 0.700 0.700		0.01 0.04 0.04 0.04 0.01 0.01 0.04 0.04	\$41.45 \$41.45 \$41.45 \$41.45 \$41.45 \$41.45 \$41.45 \$41.45 \$41.45 \$41.45 \$41.45 \$41.45	\$0.6 \$0.6 \$0.6 \$0.6 \$0.6 \$0.6 \$0.6 \$0.6
.66 & .34 probability is % by switch type .003 probability weighting of SLS line counts to ISDN equipped Central Offices (137,938 lines to 382 central offices) .70 probability reflects 30% reduction to work time estimates ordered CALL EXCLUSION (MADN) (PICK ONE) AUTO OR MANUAL - ADMIN - 5E CALL EXCLUSION (MADN) (PICK ONE) AUTO OR MANUAL - MTCE - 5E CALL FORWARD BUSY LINE CSD - ADMIN - 5E CALL FORWARD BUSY LINE CSD - MTCE - 5E CALL FORWARD DON'T ANSWER CSD - ADMIN - 5E CALL FORWARD DON'T ANSWER CSD - MTCE - 5E CALL FORWARD DON'T ANSWER CSD - MTCE - 5E CALL FORWARD DON'T ANSWER CSD - MTCE - DMS CALL FORWARD VARIABLE CSD - ADMIN - 5E CALL FORWARD VARIABLE CSD - MTCE - 5E CALL FORWARD BUSY LINE CSV - ADMIN - 5E CALL FORWARD BUSY LINE CSV - ADMIN - 5E CALL FORWARD BUSY LINE CSV - ADMIN - 5E CALL FORWARD DON'T ANSWER CSV - ADMIN - 5E	7 30 30 30 30 10 10 10 30 30 20 25 30 30 30	0.660 0.660 0.660 0.660 0.340 0.340 0.660 0.660 0.660 0.660 0.660 0.660	0.003 0.003 0.003 0.003 0.003 0.003 0.003 0.003 0.003 0.003 0.003 0.003 0.003	0.700 0.700 0.700 0.700 0.700 0.700 0.700 0.700 0.700 0.700 0.700 0.700 0.700		0.01 0.04 0.04 0.04 0.04 0.01 0.01 0.04 0.01 0.02 0.04 0.04 0.04	\$41.45 \$41.45 \$41.45 \$41.45 \$41.45 \$41.45 \$41.45 \$41.45 \$41.45 \$41.45 \$41.45 \$41.45 \$41.45	\$0.6 \$0.6 \$0.6 \$0.6 \$0.6 \$0.6 \$0.6 \$0.6
.003 probability weighting of SLS line counts to ISDN equipped Central Offices (137,938 lines to 382 central offices) .70 probability reflects 30% reduction to work time estimates ordered CALL EXCLUSION (MADN) (PICK ONE) AUTO OR MANUAL - ADMIN - 5E CALL EXCLUSION (MADN) (PICK ONE) AUTO OR MANUAL - MTCE - 5E CALL FORWARD BUSY LINE CSD - ADMIN - 5E CALL FORWARD BUSY LINE CSD - ADMIN - 5E CALL FORWARD DON'T ANSWER CSD - ADMIN - 5E CALL FORWARD DON'T ANSWER CSD - MTCE - 5E CALL FORWARD DON'T ANSWER CSD - MTCE - 5E CALL FORWARD DON'T ANSWER CSD - MTCE - DMS CALL FORWARD VARIABLE CSD - ADMIN - 5E CALL FORWARD VARIABLE CSD - MTCE - DMS CALL FORWARD VARIABLE CSD - MTCE - DMS CALL FORWARD BUSY LINE CSV - ADMIN - 5E CALL FORWARD BUSY LINE CSV - ADMIN - 5E CALL FORWARD BUSY LINE CSV - ADMIN - 5E CALL FORWARD DON'T ANSWER CSV - ADMIN - 5E CALL FORWARD DON'T ANSWER CSV - ADMIN - 5E CALL FORWARD DON'T ANSWER CSV - ADMIN - 5E CALL FORWARD DON'T ANSWER CSV - ADMIN - 5E CALL FORWARD DON'T ANSWER CSV - ADMIN - 5E CALL FORWARD DON'T ANSWER CSV - ADMIN - 5E CALL FORWARD DON'T ANSWER CSV - ADMIN - 5E CALL FORWARD DON'T ANSWER CSV - ADMIN - 5E CALL FORWARD DON'T ANSWER CSV - ADMIN - DMS	7 30 30 30 30 10 10 10 30 30 20 25 30 30 30 30	0.660 0.660 0.660 0.660 0.340 0.340 0.660 0.660 0.340 0.660 0.660 0.660 0.660	0.003 0.003 0.003 0.003 0.003 0.003 0.003 0.003 0.003 0.003 0.003 0.003 0.003 0.003	0.700 0.700 0.700 0.700 0.700 0.700 0.700 0.700 0.700 0.700 0.700 0.700 0.700 0.700		0.01 0.04 0.04 0.04 0.01 0.01 0.01 0.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04	\$41.45 \$41.45 \$41.45 \$41.45 \$41.45 \$41.45 \$41.45 \$41.45 \$41.45 \$41.45 \$41.45 \$41.45 \$41.45 \$41.45	\$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0

Qwest Advice No. 3376T Page 676 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti Product Group: Interconnection

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G D # (O.T. 5)	Н	1
						B * (C Thru F)		H * (G/60)
NEW UNE-P 2B+D BRI ISDN INSTALL - MECHANIZED (con't)								
CALL FORWARD VARIABLE CSV - ADMIN - DMS	20	0.340	0.003	0.700		0.01	\$41.45	\$0.01
CALL FORWARD VARIABLE CSV - MTCE - DMS	25	0.340	0.003	0.700		0.02	\$41.45	\$0.01
CALL HOLD - ADMIN - DMS	5	0.340	0.003	0.700		0.00	\$41.45	\$0.00
CALL HOLD - MTCE - DMS	10	0.340	0.003	0.700		0.01	\$41.45	\$0.00
CALL TRANSFER - ADMIN - 5E	7	0.660	0.003	0.700		0.01	\$41.45	\$0.01
CALL TRANSFER - MTCE - 5E	7	0.660	0.003	0.700		0.01	\$41.45	\$0.01
CALL TRANSFER - ADMIN - DMS	10	0.340	0.003	0.700		0.01	\$41.45	\$0.00
CALL TRANSFER - MTCE - DMS	15	0.340	0.003	0.700		0.01	\$41.45	\$0.01
CALLING NUMBER DELIVERY BLOCKING/CALL - ADMIN - 5E	10	0.660	0.003	0.700		0.01	\$41.45	\$0.01
CALLING NUMBER DELIVERY BLOCKING/CALL - MTCE - 5E	10	0.660	0.003	0.700		0.01	\$41.45	\$0.01
CALLING NUMBER DELIVERY BLOCKING/CALL - ADMIN - DMS	20	0.340	0.003	0.700		0.01	\$41.45	\$0.01
CALLING NUMBER DELIVERY BLOCKING/CALL - MTCE - DMS	20	0.340	0.003	0.700		0.01	\$41.45	\$0.01
COMMON BLOCK - ADMIN - 5E	10	0.660	0.003	0.700		0.01	\$41.45	\$0.01
COMMON BLOCK - MTCE - 5E	10	0.660	0.003	0.700		0.01	\$41.45	\$0.01
COMMON BLOCK - ADMIN - DMS	335	0.340	0.003	0.700		0.24	\$41.45 \$41.45	\$0.17
COMMON BLOCK - MTCE - DMS CONFERENCE CALLING 3 WAY - ADMIN - 5E	580 7	0.340 0.660	0.003 0.003	0.700 0.700		0.41 0.01	\$41.45 \$41.45	\$0.29 \$0.01
CONFERENCE CALLING 3 WAY - ADMIN - 5E CONFERENCE CALLING 3 WAY - MTCE - 5E	7	0.660	0.003	0.700		0.01	\$41.45	\$0.01 \$0.01
D CHANNEL PACKET SWITCHED DATA - ADMIN - DMS	, 15	0.860	0.003	0.700		0.01	\$41.45	\$0.01 \$0.01
D CHANNEL PACKET SWITCHED DATA - ADMIN - DMS D CHANNEL PACKET SWITCHED DATA - MTCE - DMS	10	0.340	0.003	0.700		0.01	\$41.45	\$0.00
DROP - ADMIN - 5E	7	0.660	0.003	0.700		0.01	\$41.45	\$0.01
DROP - MTCE - 5E	7	0.660	0.003	0.700		0.01	\$41.45	\$0.01
INTERCOM (AUTO/GROUP) 2 FEATURES - ADMIN - DMS	15	0.340	0.003	0.700		0.01	\$41.45	\$0.01
INTERCOM (AUTO/GROUP) 2 FEATURES - MTCE - DMS	15	0.340	0.003	0.700		0.01	\$41.45	\$0.01
MESSAGE WAITING INDICATOR AUDIBLE/VISUAL - ADMIN - 5E	7	0.660	0.003	0.700		0.01	\$41.45	\$0.01
MESSAGE WAITING INDICATOR AUDIBLE/VISUAL - MTCE - 5E	7	0.660	0.003	0.700		0.01	\$41.45	\$0.01
SPEED CALL 30 - ADMIN - 5E	7	0.660	0.003	0.700		0.01	\$41.45	\$0.01
SPEED CALL 30 - MTCE - 5E	7	0.660	0.003	0.700		0.01	\$41.45	\$0.01
SPEED CALL 30 - ADMIN - DMS	10	0.340	0.003	0.700		0.01	\$41.45	\$0.00
SPEED CALL 30 - MTCE - DMS	10	0.340	0.003	0.700		0.01	\$41.45	\$0.00
STANDARD CONFIGURATION GROUP - ADMIN - 5E	30	0.660	0.003	0.700		0.04	\$41.45	\$0.03
STANDARD CONFIGURATION GROUP - MTCE - 5E	30	0.660	0.003	0.700		0.04	\$41.45	\$0.03
Subtotal - NROC- COMPLEX TRANSLATIONS						1.55		\$1.07
Tatal Fau Comition						440.70		6402.22
Total For Service:						142.78		\$102.32

Qwest Advice No. 3376T Page 677 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G	Н	
						B * (C Thru F)		H * (G/60)

NEW UNE-P 2B+D BRI ISDN INSTALL - MECHANIZED (con't)

13963 13964 Total Direct Costs	13952 Direct Cost			\$102.32
Page	13953			
1395	13954	Cost	Cost	
13957 Directly Assigned	13955		Factor	Cost
13968 Product Management Expense D13959*E13952 0.040333 \$4.13 13959 Sales Expense D13959*E13952 0.014960 \$1.53 13950 Product Advertising Expense D13960*E13952 0.00000 \$0.00 13961 Business Fees (Other Operating Taxes) D13961*Sum(E13952:E13960) 0.42595 \$4.60 13962 13962 13962 13964 13962 13965 139	13956	ВС	D	E
1395 Sales Expense D1395'E13952 0.014960 \$1.53 13960 Product Advertising Expense D1396'E13952 0.000000 \$0.000000 \$0.000000 \$0.000000 \$0.000000 \$0.0000000000	13957 Directly Assigned			
13960 Product Advertising Expense D13960*E13952 0.000000 \$0.00	13958 Product Management Expense	D13958*E13952	0.040393	\$4.13
13961 Business Fees (Other Operating Taxes) D13961*Sum(E13952:E13961) S10.26 13962 Directly Assigned Costs E13952*E13962 \$112.59 13965 S13965 E13952*E13962 \$112.59 13966 Directly Attributed D13967*E13964 0.056129 \$6.32 13968 Common Costs Common	13959 Sales Expense	D13959*E13952	0.014960	\$1.53
13962 Directly Assigned Costs Sum(E13952:E13961) \$10.26 13963 Total Direct Costs E13952+E13962 \$112.59 13965 Sincetly Attributed Sincetly Attributed 13967 Network Operations D13967'E13964 0.056129 \$6.32 13968 Network Support Assets D13968'E13964 0.014074 \$1.58 13969 General Support Assets D13968'E13964 0.04926 \$4.61 13970 General Purpose Computers D13970'E13964 0.04926 \$4.61 13971 Uncollectible D13971'E13964 0.011073 \$0.13 13973 Human Resources Expense D13971'E13964 0.010173 \$1.18 13973 Human Resources Expense D13973'E13964 0.009808 \$1.10 13974 Information Management Expense D13974'E13964 0.068149 \$7.67 13975 Intarigibles D13974'E13964 0.068149 \$7.67 13976 Directly Attributed Costs Sum(E13967:E13975) \$29.41 13977 T13978 TELRIC E13967+E13976 \$142.00 13978 P2000 Common S13978 P2000 Common S13981'E13978 0.008052 \$1.14 13982 Planning Expense D13981'E13978 0.00862 \$0.10 13981 Executive Expense D13981'E13978 0.000682 \$0.10 13982 Planning Expense D13984'E13978 0.000632 \$0.10 13985 Other Procurement Expense D13986'E13978 0.000632 \$0.10 13986 Centrol Expense D13986'E13978 0.0007338 \$1.04 13988 Centrol Expense D13986'E13978 0.000772 \$0.39 13988 Centrol Costs Sum(E1398'E13978 0.000738 \$0.000738 \$0.0007	13960 Product Advertising Expense	D13960*E13952	0.000000	\$0.00
13963 13964 Total Direct Costs	13961 Business Fees (Other Operating Taxes)	D13961*Sum(E13952:E13960)	0.042595	\$4.60
13964 Total Direct Costs	13962 Directly Assigned Costs	Sum(E13952:E13961)		\$10.26
13965 13966 Directly Attributed	13963			
13966 Directly Attributed 13967 Network Operations D13967*E13964 0.056129 \$6.32	13964 Total Direct Costs	E13952+E13962		\$112.59
13967 Network Operations D13967*E13964 0.056129 \$6.32 \$13968 Network Support Assets D13968*E13964 0.014074 \$1.58 \$13969 General Support Assets D13969*E13964 0.057904 \$6.52 \$1.3970 General Purpose Computers D13970*E13964 0.040926 \$4.61 \$1.3971 Uncollectible D13971*E13964 0.001136 \$0.13 \$1.3972 Accounting & Finance Expense D13971*E13964 0.010471 \$1.18 \$1.3973 Human Resources Expense D13973*E13964 0.009808 \$1.10 \$1.3973 Human Resources Expense D13974*E13964 0.0088149 \$7.67 \$1.3974 Information Management Expense D13974*E13964 0.0088149 \$7.67 \$1.3975 \$1.3974 Intangibles D13974*E13964 0.008149 \$7.67 \$1.3975 \$1.3976 Directly Attributed Costs Sum(E13967:E13975) \$29.41 \$1.3977 \$1.3978 TELRIC E13967*E13976 \$1.40 \$1.3975 \$1.3978 TELRIC E13967*E13976 \$1.40 \$1.3975 \$1.3982 Planning Expense D13981*E13978 0.008052 \$1.14 \$1.3982 Planning Expense D13982*E13978 0.008052 \$1.14 \$1.3982 Planning Expense D13982*E13978 0.009631 \$1.37 \$1.3982 Planning Expense D13984*E13978 0.009631 \$1.37 \$1.3982 Planning Expense D13984*E13978 0.009631 \$1.37 \$1.3982 Planning Expense D13984*E13978 0.009733 \$1.04 \$1.3982 Planning Expense D13984*E13978 0.0007338 \$1.04 \$1.3982 Planning Expense D13985*E13978 0.0007338 \$1.04 \$1.				•
13968 Network Support Assets D13968*E13964 0.014074 \$1.58 13969 General Support Assets D13969*E13964 0.057904 \$6.52 13970 General Purpose Computers D13970*E13964 0.001026 \$4.61 13971 Uncollectible D13971*E13964 0.001136 \$0.13 13972 Accounting & Finance Expense D13972*E13964 0.010471 \$1.18 13973 Human Resources Expense D13973*E13964 0.009808 \$1.10 13973*Human Resources Expense D13973*E13964 0.009808 \$1.10 13975 Intangibles D13973*E13964 0.002634 \$0.30 13976 Directly Attributed Costs D13975*E13964 0.002634 \$0.30 13976 Directly Attributed Costs Sum(E13967:E13975) \$29.41 13973 TELRIC E13967*E13976 \$142.00 13979 13980 Common \$13981*E13978 0.008052 \$1.14 13982 Planning Expense D13981*E13978 0.008052 \$1.14 13982 Planning Expense D13983*E13978 0.009631 \$1.37 13984 Legal Expense D13983*E13978 0.009631 \$1.37 13984 Legal Expense D13983*E13978 0.007372 \$1.398 13986 Research & Development Expense D13986*E13978 0.007772 \$0.39 13986 Research & Development Expense D13986*E13978 0.0007772 \$0.39 13986 Research & Development Expense D13986*E13978 0.007772 \$0.30 13987 Cher General and Admin Expense D13986*E13978 0.000042 \$0.01 13987 Cher General and Admin Expense D13986*E13978 0.000042 \$0.01 13987 Cher General and Admin Expense D13986*E13978 0.000042 \$0.01 13987 Cher General and Admin Expense D13986*E13978 0.000042 \$0.01 13987 Cher General and Admin Expense D13986*E13978 0.000042 \$0.01 13989 Common Costs Common	13966 Directly Attributed			
13969 General Support Assets D13969*E13964 0.057904 \$6.52 13970 General Purpose Computers D13971*E13964 0.040926 \$4.61 13971 Incollectible D13971*E13964 0.001136 \$0.13 13972 Accounting & Finance Expense D13972*E13964 0.010471 \$1.18 13973 Human Resources Expense D13973*E13964 0.008808 \$1.10 13974 Information Management Expense D13973*E13964 0.068149 \$7.67 13975 Intangibles D13975*E13964 0.002634 \$0.030 13976 D12072*D13975*E13964 0.002634 \$0.030 13976 D12072*D13975*E13964 0.002634 \$0.030 13976 D12072*D13975*E13976 D13975*E13976 \$142.00 13977*E13976 E13967*E13976 \$142.00 13979*E13976 E13967*E13976 \$142.00 13979*E13978 0.008622 \$1.14 13978*Executive Expense D13981*E13978 0.008622 \$0.10 13983*E13978 0.000682 \$0.10 13983*E13978 0.009631 \$1.37 13984 Expense D13983*E13978 0.009631 \$1.37 13984 Expense D13983*E13978 0.009631 \$1.37 13984 Expense D13983*E13978 0.007772 \$0.39 13986 Research & Development Expense D13986*E13978 0.007772 \$0.39 13986 Research & Development Expense D13986*E13978 0.007772 \$0.39 13987 Other General and Admin Expense D13986*E13978 0.000042 \$0.01 13987 Other General and Admin Expense D13986*E13978 0.000042 \$0.01 13987 Other General and Admin Expense D13986*E13978 0.000042 \$0.01 13987 Other General and Admin Expense D13986*E13978 0.000042 \$0.01 13987 Other General and Admin Expense D13986*E13978 0.000042 \$0.01 13987 Other General and Admin Expense D13986*E13978 0.000042 \$0.01 13987 Other General and Admin Expense D13986*E13978 0.000042 \$0.01 13987 Other General and Admin Expense D13986*E13978 0.000042 \$0.01 13987 Other General and Admin Expense D13986*E13978 0.000042 \$0.01 13987 Other General and Admin Expense D13986*E13978 0.000042 \$0.01 13987 Other General and Admin Expense D13986*E13978 0.000042 \$0.01 13987		D13967*E13964	0.056129	
13970 General Purpose Computers D13970*E13964 0.040926 \$4.61 13971 Uncollectible D13971*E13964 0.040136 \$0.13 13972 Accounting & Finance Expense D13972*E13964 0.010471 \$1.18 13973 Human Resources Expense D13973*E13964 0.009808 \$1.10 13974 Information Management Expense D13974*E13964 0.068149 \$7.67 13975 Intangibles D13975*E13964 0.002634 \$0.30 13976 Directly Attributed Costs Sum(E13967:E13975) \$29.41 13977 Telectly Attributed Costs Sum(E13967:E13976) \$142.00 13979 Telectly Attributed Costs E13967*E13976 \$142.00 13979 Telectly Attributed Costs E13967*E13976 \$142.00 13970 Common Sum(E13967*E13978 0.008052 \$1.14 13982 Planning Expense D13981*E13978 0.009682 \$0.10 13983 External Relations Expense D13983*E13978 0.009631 \$1.37 13985 Other Procurement Expense D13986*E13978 0.002772 \$0.39 13986 Research & Development Expense D13986*E13978	13968 Network Support Assets	D13968*E13964	0.014074	\$1.58
13971 Uncollectible D13971*E13964 0.001136 \$0.13 13972 Accounting & Finance Expense D13972*E13964 0.010471 \$1.18 13973 Human Resources Expense D13973*E13964 0.008088 \$1.10 13974 Information Management Expense D13974*E13964 0.068149 \$7.67 13975 Intangibles D13975*E13964 0.002634 \$0.30 13976 Directly Attributed Costs Sum(E13967:E13975) \$29.41 13977		D13969*E13964	0.057904	\$6.52
13972 Accounting & Finance Expense D13972*E13964 0.010471 \$1.18 13973 Human Resources Expense D13973*E13964 0.008088 \$1.10 13974 Information Management Expense D13974*E13964 0.068149 \$7.67 \$1.3975 Intangibles D13975*E13964 0.002634 \$0.30 \$0.30 \$1.3976 Directly Attributed Costs Sum(E13967:E13975) \$29.41 \$1.3977 \$1.3978 TELRIC E13967*E13976 \$1.42.00 \$1.3979 \$1.3979 \$1.3980 Common \$1.3981 Executive Expense D13981*E13978 0.008052 \$1.14 \$1.3982 Planning Expense D13982*E13978 0.000682 \$0.10 \$1.3983 External Relations Expense D13983*E13978 0.009631 \$1.37 \$1.3983 External Relations Expense D13984*E13978 0.007338 \$1.04 \$1.3985 Common Control of the Procurement Expense D13984*E13978 0.007338 \$1.04 \$1.3985 Control of the Procurement Expense D13986*E13978 0.000642 \$0.01 \$1.3987 Control of the Procurement Expense D13986*E13978 0.000042 \$0.01 \$1.3987 Control of the General and Admin Expense D13987*E13978 0.000042 \$0.01 \$1.3987 Control Costs Common Costs Sum(E13981:E13987) \$6.76 \$1.3989 Common Costs Sum(E13981:E13987) \$6.76 \$1.3989 \$	13970 General Purpose Computers	D13970*E13964	0.040926	\$4.61
13973 Human Resources Expense D13973*E13964 0.009808 \$1.10 13974 Information Management Expense D13974*E13964 0.068149 \$7.67 13975 Intangibles D13975*E13964 0.002634 \$0.30 13976 D13975*E13975		D13971*E13964	0.001136	\$0.13
13974 Information Management Expense D13974*E13964 0.068149 \$7.67 13975 Intangibles D13975*E13964 0.002634 \$0.30 13976 Directly Attributed Costs Sum(E13967:E13975) \$29.41 13977 Sum(E13967:E13976 \$142.00 13979 TELRIC E13967+E13976 \$142.00 13979 TELRIC E13967+E13976 \$1.14 13980 Common Sum(E13981*E13978 0.008052 \$1.14 13982 Planning Expense D13981*E13978 0.000682 \$0.10 13982 Planning Expense D13982*E13978 0.000682 \$0.10 13983 External Relations Expense D13983*E13978 0.009631 \$1.37 13984 Legal Expense D13984*E13978 0.009631 \$1.37 13985 Common Expense D13985*E13978 0.0007338 \$1.04 13985 Other Procurement Expense D13985*E13978 0.000732 \$0.39 13986 Research & Development Expense D13986*E13978 0.000042 \$0.01 13987 Common Costs D13987*E13978 0.019104 \$2.71 13989 Common Costs Sum(E13981:E13987) \$6.76 \$0.0000000000000000000000000000000000	13972 Accounting & Finance Expense	D13972*E13964	0.010471	\$1.18
13975 Intangibles D13975*E13964 0.002634 \$0.30 13976 Directly Attributed Costs Sum(E13967:E13975) \$29.41 13977	13973 Human Resources Expense	D13973*E13964	0.009808	\$1.10
13976 Directly Attributed Costs Sum(E13967:E13975) \$29.41 13977	13974 Information Management Expense	D13974*E13964	0.068149	\$7.67
13977 13978 TELRIC	13975 Intangibles	D13975*E13964	0.002634	\$0.30
13978 TELRIC E13967+E13976 \$142.00 13979 13980 Common 13981 Executive Expense D13981*E13978 0.008052 \$1.14 13982 Planning Expense D13982*E13978 0.000682 \$0.10 13983 External Relations Expense D13983*E13978 0.009631 \$1.37 13984 Legal Expense D13984*E13978 0.007338 \$1.04 13985 Other Procurement Expense D13985*E13978 0.002772 \$0.39 13986 Research & Development Expense D13986*E13978 0.00042 \$0.01 13987 Other General and Admin Expense D13987*E13978 0.019104 \$2.71 13988 Common Costs Sum(E13981:E13987) \$6.76 13989 Sum(E13981:E13987) \$6.76 13980 Sum(E13981:E13987) \$6.76	13976 Directly Attributed Costs	Sum(E13967:E13975)		\$29.41
13979 13980 Common 13981 Executive Expense D13981*E13978 0.008052 \$1.14 13982 Planning Expense D13982*E13978 0.000682 \$0.10 13983 External Relations Expense D13983*E13978 0.009631 \$1.37 13984 Legal Expense D13984*E13978 0.007338 \$1.04 13985 Other Procurement Expense D13985*E13978 0.002772 \$0.39 13986 Research & Development Expense D13986*E13978 0.000042 \$0.01 13987 Other General and Admin Expense D13987*E13978 0.019104 \$2.71 13988 Common Costs Sum(E13981:E13987) \$6.76				
13980 Common 13981 Executive Expense D13981*E13978 0.008052 \$1.14 13982 Planning Expense D13982*E13978 0.000682 \$0.10 13983 External Relations Expense D13983*E13978 0.009631 \$1.37 13984 Legal Expense D13984*E13978 0.007338 \$1.04 13985 Other Procurement Expense D13985*E13978 0.002772 \$0.39 13986 Research & Development Expense D13986*E13978 0.000042 \$0.01 13987 Other General and Admin Expense D13987*E13978 0.019104 \$2.71 13988 Common Costs Sum(E13981:E13987) \$6.76		E13967+E13976		\$142.00
13981 Executive Expense D13981*E13978 0.008052 \$1.14 13982 Planning Expense D13982*E13978 0.000682 \$0.10 13983 External Relations Expense D13983*E13978 0.009631 \$1.37 13984 Legal Expense D13984*E13978 0.007338 \$1.04 13985 Other Procurement Expense D13985*E13978 0.002772 \$0.39 13986 Research & Development Expense D13986*E13978 0.000042 \$0.01 13987 Other General and Admin Expense D13987*E13978 0.019104 \$2.71 13988 Common Costs Sum(E13981:E13987) \$6.76				<u> </u>
13982 Planning Expense D13982*E13978 0.000682 \$0.10 13983 External Relations Expense D13983*E13978 0.009631 \$1.37 13984 Legal Expense D13984*E13978 0.007338 \$1.04 13985 Other Procurement Expense D13985*E13978 0.002772 \$0.39 13986 Research & Development Expense D13986*E13978 0.000042 \$0.01 13987 Other General and Admin Expense D13987*E13978 0.019104 \$2.71 13988 Common Costs Sum(E13981:E13987) \$6.76	13980 Common			
13983 External Relations Expense D13983*E13978 0.009631 \$1.37 13984 Legal Expense D13984*E13978 0.007338 \$1.04 13985 Other Procurement Expense D13985*E13978 0.002772 \$0.39 13986 Research & Development Expense D13986*E13978 0.000042 \$0.01 13987 Other General and Admin Expense D13987*E13978 0.019104 \$2.71 13988 Common Costs Sum(E13981:E13987) \$6.76				
13984 Legal Expense D13984*E13978 0.007338 \$1.04 13985 Other Procurement Expense D13985*E13978 0.002772 \$0.39 13986 Research & Development Expense D13986*E13978 0.000042 \$0.01 13987 Other General and Admin Expense D13987*E13978 0.019104 \$2.71 13988 Common Costs Sum(E13981:E13987) \$6.76	13982 Planning Expense	D13982*E13978	0.000682	
13985 Other Procurement Expense D13985*E13978 0.002772 \$0.39 13986 Research & Development Expense D13986*E13978 0.000042 \$0.01 13987 Other General and Admin Expense D13987*E13978 0.019104 \$2.71 13988 Common Costs Sum(E13981:E13987) \$6.76 13989 Temperature Temperature \$6.76		D13983*E13978		
13986 Research & Development Expense D13986*E13978 0.000042 \$0.01 13987 Other General and Admin Expense D13987*E13978 0.019104 \$2.71 13988 Common Costs Sum(E13981:E13987) \$6.76 13989		D13984*E13978	0.007338	\$1.04
13987 Other General and Admin Expense D13987*E13978 0.019104 \$2.71 13988 Common Costs Sum(E13981:E13987) \$6.76 13989		D13985*E13978	0.002772	\$0.39
13988 Common Costs Sum(E13981:E13987) \$6.76 13989				
13989			0.019104	
		Sum(E13981:E13987)		\$6.76
13990 TELRIC + Common Costs E13978+E13988 \$148.76				
	13990 TELRIC + Common Costs	E13978+E13988		\$148.76

Prob

Prob

Prob

Qwest Advice No. 3376T Page 678 Of 743 ENRC Version: 2.14 Date: 01/17/03

Prob Applied Time Labor

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

	inutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A A	B	C	D	E	F	G B * (C Thru F)	H	H * (G/60)
V UNE-P 2B+D BRI ISDN INSTALL - MANUAL								
<u>ND*</u>								
TERCONNECTION SERVICER CENTER								
NO MANUAL ISC TIMES PREVIOUSLY FILED IN THIS DOCKET, THEREFORE,								
CURRENT QWEST ISC TIMES APPLIED.								
.60 probability % manually handled								
.70 probability reflects 30% reduction to work time estimates ordered Reviews LSR for completeness and accuracy, contractual entries (analyze request to								
determine co-provider, type of order and installation option)								
Recevie LSR	5	1.000	0.700			3.50	\$39.16	9
Exchange Info-Obtain Central office, name, address and office type, Access Telephone								
Address Guide to obtain the central office address and validate end user address,								
verify ISDN capability of loop Exchange Info - Obtain CO	4	1 000	0.700			2.80	#20.46	9
CPPD lookup billing USOC's for co-provider	4	1.000	0.700			2.00	\$39.16	,
CPPD lookup	2	1.000	0.700			1.40	\$39.16	Ç
Summary Bill List look up BTN#, tax code and bill date							*	
Summary Bill List look up	2	1.000	0.700			1.40	\$39.16	;
Determine critical date	1	1.000	0.700			0.70	\$39.16	(
Type, review and submit to customer the Firm Order Confirmation (FOC) Review FOC	3	1.000	0.700			2.10	\$39.16	,
Input order into service order processor (manually typing and formatting of all order for	3	1.000	0.700			2.10	ψυυ.10	,
billing and provisioning)								
Issue Service order	10	1.000	0.700			7.00	\$39.16	9
Ensure order is successfully distributed to the systems and is ready for provisioning		4 000	0.700			0.40	000.40	
Service Order Analysis & Control (SOAC) Includes handling calls from other departments working the order	3	1.000	0.700			2.10	\$39.16	;
Call Handling	5	0.600	0.700			2.10	\$39.16	(
Handling of problems on the LSR, provisioning issues such as conditioning, facility problems	Ū	0.000	0.700			2.10	φου. το	`
cable & pair, and typing problems handled by the center.								
Error on Service order (ESOI)	5	0.600	0.700			2.10	\$39.16	\$
otal - INTERCONNECTION SERVICER CENTER						25.20		\$
OR REQUIREMENT CENTER								
OP PROVISIONING CENTER Prohability is 9' manual work required. Commission staff ordered.								
Probability is % manual work required. Commision staff ordered70 probability reflects 30% reduction to work time estimates ordered								
Clearing time per RMA(Reg for man asst)	11.25	0.150	0.700			1.18	\$37.78	Ç
, , , ,								
total - LOOP PROVISIONING CENTER						1.18		\$

Qwest Advice No. 3376T Page 679 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	В	С	D	E	F	G B * (C Thru F)	Н	I H * (G/60)
NEW UNE-P 2B+D BRI ISDN INSTALL - MANUAL (con't)								
.20 probability % manual work is required. Reciprocal is mechanization rate70 probability reflects 30% reduction to work time estimates ordered								
Order handling/screening	5	0.200	0.700			0.70	\$44.31	\$0.5
Generic Order Control order log	5 6	0.200	0.700			0.70	\$44.31	\$0.5 \$0.6
Enter Work Authorization Mask	5	0.100	0.700			0.35	\$44.31	\$0.2
Prepare loop input/DRI (design related info)	10	0.100	0.700			1.40	\$44.31	\$0.2 \$1.0
Circuit Design	20	0.100	0.700			1.40	\$44.31	\$1.0
Distribute Word (Work Order Record Detail) documents	2	0.050	0.700			0.07	\$44.31	\$0.0
Subtotal - DESIGN SERVICE CENTER - DESIGN						4.76		\$3.5
-CENTRAL OFFICE TECHNICIAN								
.70 probability reflects 30% reduction to work time estimates ordered								
.04 based on average of 24 members per group (1/23)								
Analyze order 1st trunk	5	1.000	0.700			3.50	\$43.81	\$2.5
Analyze order addl trunk	5	0.040	0.700			0.14	\$43.81	\$0.1
Complete Cross connect 1st trunk	4	1.000	0.700			2.80	\$43.81	\$2.0
Complete Cross connect addl trunk	4	0.040	0.700			0.11	\$43.81	\$0.0
Complete Loop Qualification 1st trunk	2	1.000	0.700			1.40	\$43.81	\$1.0
Complete Loop Qualification addl trunk	2	0.040	0.700			0.06	\$43.81	\$0.0
Record DVA Test Results 1st trunk	2	1.000	0.700			1.40	\$43.81	\$1.0
Record DVA Test Results addl trunk	2	0.040	0.700			0.06	\$43.81	\$0.0
Post DVA work complete in WFA-DI 1st trunk	2	1.000	0.700			1.40	\$43.81	\$1.0
Post DVA work complete in WFA-DI addl trunk	2	0.040	0.700			0.06	\$43.81	\$0.0
Analyze DD WFADI work request 1st trunk	2	1.000	0.700			1.40	\$43.81	\$1.0
Analyze DD WFADI work request addl trunk	1	0.040	0.700			0.03	\$43.81	\$0.0
Set up of DD test with I&M tech 1st trunk	2	1.000	0.700			1.40	\$43.81	\$1.0
Set up of DD test with I&M tech addl trunk	1	0.040	0.700			0.03	\$43.81	\$0.0
Complete DD work status with CCTI 1st trunk	3	1.000	0.700			2.10	\$43.81	\$1.5
Complete DD work status with CCTI addl trunk	1	0.040	0.700			0.03	\$43.81	\$0.0
Subtotal - CENTRAL OFFICE TECHNICIAN						15.90		\$11.6
-LOAD RESOURCE ADMINISTRATION CENTER (LRAC)								
.70 probability reflects 30% reduction to work time estimates ordered								
Screen order	2	0.700				1.40	\$37.78	\$0.8
Load work request to technician	5	0.700				3.50	\$37.78	\$2.2
Close out work request with technician	3	0.700				2.10	\$37.78	\$1.3
Subtotal - LOAD RESOURCE ADMINISTRATION CENTER (LRAC)						7.00		\$4.4

-INSTALLATION/FIELD TECHNICIAN

^{.70} probability reflects 30% reduction to work time estimates ordered

Qwest Advice No. 3376T Page 680 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti
Product Group: Interconnection

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	В	С	D	Е	F	G B * (C Thru F)	Н	I H * (G/60)
NEW UNE-P 2B+D BRI ISDN INSTALL - MANUAL (con't)								
.20 probability % manual work is required.								
Analyze order	1	1.000	0.700			0.70	\$42.68	\$0.50
Travel to end user premises Complete AP/SAC Point wiring	21 13	1.000 0.200	0.700 0.700			14.70 1.82	\$42.68 \$42.68	\$10.46 \$1.29
Complete Service Terminal Work	15	0.200	0.700			2.10	\$42.68	\$1.29 \$1.49
Customer Contact	5	1.000	0.700			3.50	\$42.68	\$2.49
Contact CCT-I to work order	3	1.000	0.700			2.10	\$42.68	\$1.49
Complete Performance/Conformance Testing	15	1.000	0.700			10.50	\$42.68	\$7.47
Complete work request with Load Specialist	3	1.000	0.700			2.10	\$42.68	\$1.49
Subtotal - INSTALLATION/FIELD TECHNICIAN						37.52		\$26.69
-SERVICE DELIVERY IMPLEMENTOR								
.70 probability reflects 30% reduction to work time estimates ordered								
Screen WFA (Work Force Administration) for circuit	10	0.700				7.00	\$43.81	\$5.11
Verify LNO (Local Network Operation) completion	10	0.700				7.00	\$43.81	\$5.11
Complete performance testing	15	0.700				10.50	\$43.81 \$43.81	\$7.67
Notify customer/co-provider of work completion Post order complete in WFA/C (Work Force Administration - Control Module)	5 10	0.700 0.700				3.50 7.00	\$43.81 \$43.81	\$2.56 \$5.11
,	10	0.700					ψ-10.01	*-
Subtotal - SERVICE DELIVERY IMPLEMENTOR						35.00		\$25.56
-RCMAC								
.70 probability reflects 30% reduction to work time estimates ordered Translations - 2B+D	4	0.700				2.80	\$43.81	\$2.04
	4	0.700				2.00	Ф43.01	,
Subtotal - RCMAC						2.80		\$2.04
-RCMAC								
.66 & .34 probability is % by switch type								
.70 probability reflects 30% reduction to work time estimates ordered AIOD - 5E	4	0.660	0.700			0.46	\$43.81	#0.24
AIOD - DMS	1	0.660 0.340	0.700 0.700			0.46 0.24	\$43.81	\$0.34 \$0.17
ADDITIONAL CALL APPEARANCE - 5E	1	0.660	0.700			0.46	\$43.81	\$0.17 \$0.34
ADDITIONAL CALL APPEARANCE - DMS	5	0.340	0.700			1.19	\$43.81	\$0.87
B CHANNEL CIRCUIT SWITCHED DATA - 5E	8	0.660	0.700			3.70	\$43.81	\$2.70
B CHANNEL CIRCUIT SWITCHED DATA - DMS	8	0.340	0.700			1.90	\$43.81	\$1.39
CALL EXCLUSION (MADN)(PICK ONE) AUTO OR MANUAL - 5E	1	0.660	0.700			0.46	\$43.81	\$0.34
CALL EXCLUSION (MADN)(PICK ONE) AUTO OR MANUAL - DMS	1	0.340	0.700			0.24	\$43.81	\$0.17
CALL FORWARD BUSY LINE CSD - 5E	1	0.660	0.700			0.46	\$43.81	\$0.34
CALL FORWARD BUSY LINE CSD - DMS	1	0.340	0.700			0.24	\$43.81	\$0.17
CALL FORWARD DON'T ANSWER CSD - 5E	1	0.660	0.700			0.46	\$43.81	\$0.34
CALL FORWARD DON'T ANSWER CSD - DMS	1	0.340	0.700			0.24	\$43.81	\$0.17

Qwest Advice No. 3376T Page 681 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B Study Year: 2001

Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	В	C	D	E	F	G	Н	I
						B * (C Thru F)		H * (G/60)
NEW UNE-P 2B+D BRI ISDN INSTALL - MANUAL (con't)								
CALL FORWARD VARIABLE CSD - 5E	1	0.660	0.700			0.46	\$43.81	\$0.34
CALL FORWARD VARIABLE CSD - DMS	1	0.340	0.700			0.24	\$43.81	\$0.17
CALL FORWARD BUSY LINE CSV - 5E	1	0.660	0.700			0.46	\$43.81	\$0.34
CALL FORWARD BUSY LINE CSV - DMS	1	0.340	0.700			0.24	\$43.81	\$0.17
CALL FORWARD DON'T ANSWER CSV - 5E	1	0.660	0.700			0.46	\$43.81	\$0.34
CALL FORWARD DON'T ANSWER CSV - DMS	1	0.340	0.700			0.24	\$43.81	\$0.17
CALL FORWARD VARIABLE CSV - 5E	1	0.660	0.700			0.46	\$43.81	\$0.34
CALL FORWARD VARIABLE CSV - DMS	1	0.340	0.700			0.24	\$43.81	\$0.17
CALL HOLD - 5E	1	0.660	0.700			0.46	\$43.81	\$0.34
CALL HOLD - DMS	1	0.340	0.700			0.24	\$43.81	\$0.17
CALL TRANSFER - DMS	1	0.340	0.700			0.24	\$43.81	\$0.17
CALLING NUMBER DELIVERY BLOCKING/CALL - 5E	1	0.660	0.700			0.46	\$43.81	\$0.34
CALLING NUMBER DELIVERY BLOCKING/CALL - DMS	1	0.340	0.700			0.24	\$43.81	\$0.17
CALLING PARTY NUMBER DELIVERY, ONLY, FLAT, ALL - 5E	1	0.660	0.700			0.46	\$43.81	\$0.34
CALLING PARTY NUMBER DELIVERY, ONLY, FLAT, ALL - DMS	1	0.340	0.700			0.24	\$43.81	\$0.17
CONFERENCE CALLING 3 - WAY - 5E	1	0.660	0.700			0.46	\$43.81	\$0.34
CONFERENCE CALLING 3 - WAY - DMS	1	0.340	0.700			0.24	\$43.81	\$0.17
D CHANNEL PACKET SWITCHED DATA - 5E	8	0.660	0.700			3.70	\$43.81	\$2.70
D CHANNEL PACKET SWITCHED DATA - DMS	8	0.340	0.700			1.90	\$43.81	\$1.39
DISPLAY NUMBER CALLING LINE IDENTIFICATION (OCLID) - 5E	1	0.660	0.700			0.46	\$43.81	\$0.34
DISPLAY/DISPLAYED CALLED NUMBER (ICLID) - 5E	1	0.340	0.700			0.24	\$43.81	\$0.17
DROP - DMS	1	0.340	0.700			0.24	\$43.81	\$0.17
INTERCOM (AUTO/GROUP) 2 FEATURES - 5E	2	0.660	0.700			0.92	\$43.81	\$0.67
INTERCOM (AUTO/GROUP) 2 FEATURES - DMS	2	0.340	0.700			0.48	\$43.81	\$0.35
MESSAGE WAITING INDICATOR AUDIBLE/VISUAL - 5E	1	0.660	0.700			0.46	\$43.81	\$0.34
MESSAGE WAITING INDICATOR AUDIBLE/VISUAL - DMS	1	0.340	0.700			0.24	\$43.81	\$0.17
PRIMARY DIRECTORY NUMBER - 5E	1	0.660	0.700			0.46	\$43.81	\$0.34
PRIMARY DIRECTORY NUMBER - DMS	1	0.340	0.700			0.24	\$43.81	\$0.17
RINGING NORMAL - DMS	1	0.340	0.700			0.24	\$43.81	\$0.17
SECONDARY DIRECTORY NUMBER - 5E	3	0.660	0.700			1.39	\$43.81	\$1.01
SECONDARY DIRECTORY NUMBER - DMS	3	0.340	0.700			0.71	\$43.81	\$0.52
SHARED CALL APPEARANCE (QTY 2) - 5E	1	0.660	0.700			0.46	\$43.81	\$0.34
SHARED CALL APPEARANCE (QTY 2) - DMS	1	0.340	0.700			0.24	\$43.81	\$0.17
SPEED CALL 30 - 5E	1	0.660	0.700			0.46	\$43.81	\$0.34
SPEED CALL 30 - DMS	1	0.340	0.700			0.24	\$43.81	\$0.17
X.25 FLOW CONTROL PARAMETER NEGOTIATION, PER CALL - 5E	1	0.660	0.700			0.46	\$43.81	\$0.34
X.25 FLOW CONTROL PARAMETER NEGOTIATION, PER CALL - DMS	1	0.340	0.700			0.24	\$43.81	\$0.17
X.25 LOGICAL CHANNELS - 5E	1	0.660	0.700			0.46	\$43.81	\$0.34
X.25 LOGICAL CHANNELS - DMS	1	0.340	0.700			0.24	\$43.81	\$0.17
X.25 THROUGHTOUT CLASS NEGOTIATION, PER CALL - 5E	1	0.660	0.700			0.46	\$43.81	\$0.34
X.25 THROUGHTOUT CLASS NEGOTIATION, PER CALL - DMS	1	0.340	0.700			0.24	\$43.81	\$0.17
							•	
Subtotal - RCMAC						31.07		\$22.68

Qwest Advice No. 3376T Page 682 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti
Product Group: Interconnection

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G	Н	
						B * (C Thru F)		H * (G/60)

NEW UNE-P 2B+D BRI ISDN INSTALL - MANUAL (con't)							
-NROC- COMPLEX TRANSLATIONS							
.66 & .34 probability is % by switch type							
.003 probability weighting of SLS line counts to ISDN equipped Central Offices							
(137,938 lines to 382 central offices)							
.70 probability reflects 30% reduction to work time estimates ordered							
CALL EXCLUSION (MADN) (PICK ONE) AUTO OR MANUAL - ADMIN - 5E	7	0.660	0.003	0.700	0.01	\$41.45	\$0.01
CALL EXCLUSION (MADN) (PICK ONE) AUTO OR MANUAL - MTCE - 5E	7	0.660	0.003	0.700	0.01	\$41.45	\$0.01
CALL FORWARD BUSY LINE CSD - ADMIN - 5E	30	0.660	0.003	0.700	0.04	\$41.45	\$0.03
CALL FORWARD BUSY LINE CSD - MTCE - 5E	30	0.660	0.003	0.700	0.04	\$41.45	\$0.03
CALL FORWARD DON'T ANSWER CSD - ADMIN - 5E	30	0.660	0.003	0.700	0.04	\$41.45	\$0.03
CALL FORWARD DON'T ANSWER CSD - MTCE - 5E	30	0.660	0.003	0.700	0.04	\$41.45	\$0.03
CALL FORWARD DON'T ANSWER CSD - ADMIN - DMS	10	0.340	0.003	0.700	0.01	\$41.45	\$0.00
CALL FORWARD DON'T ANSWER CSD - MTCE - DMS	10	0.340	0.003	0.700	0.01	\$41.45	\$0.00
CALL FORWARD VARIABLE CSD - ADMIN - 5E	30	0.660	0.003	0.700	0.04	\$41.45	\$0.03
CALL FORWARD VARIABLE CSD - MTCE - 5E	30	0.660	0.003	0.700	0.04	\$41.45	\$0.03
CALL FORWARD VARIABLE CSD - ADMIN - DMS	20	0.340	0.003	0.700	0.01	\$41.45	\$0.01
CALL FORWARD VARIABLE CSD - MTCE - DMS	25	0.340	0.003	0.700	0.02	\$41.45	\$0.01
CALL FORWARD BUSY LINE CSV - ADMIN - 5E	30	0.660	0.003	0.700	0.04	\$41.45	\$0.03
CALL FORWARD BUSY LINE CSV - MTCE - 5E	30	0.660	0.003	0.700	0.04	\$41.45	\$0.03
CALL FORWARD DON'T ANSWER CSV - ADMIN - 5E	30	0.660	0.003	0.700	0.04	\$41.45	\$0.03
CALL FORWARD DON'T ANSWER CSV - MTCE - 5E	30	0.660	0.003	0.700	0.04	\$41.45	\$0.03
CALL FORWARD DON'T ANSWER CSV - ADMIN - DMS	10	0.340	0.003	0.700	0.01	\$41.45	\$0.00
CALL FORWARD DON'T ANSWER CSV - MTCE - DMS	10	0.340	0.003	0.700	0.01	\$41.45	\$0.00
CALL FORWARD VARIABLE CSV - ADMIN - 5E	7	0.660	0.003	0.700	0.01	\$41.45	\$0.01
CALL FORWARD VARIABLE CSV - MTCE - 5E	7	0.660	0.003	0.700	0.01	\$41.45	\$0.01
CALL FORWARD VARIABLE CSV - ADMIN - DMS	20	0.340	0.003	0.700	0.01	\$41.45	\$0.01
CALL FORWARD VARIABLE CSV - MTCE - DMS	25	0.340	0.003	0.700	0.02		\$0.01
CALL HOLD - ADMIN - DMS	5	0.340	0.003	0.700	0.00	\$41.45	\$0.00
CALL HOLD - MTCE - DMS	10	0.340	0.003	0.700	0.01	\$41.45	\$0.00
CALL TRANSFER - ADMIN - 5E	7	0.660	0.003	0.700	0.01	\$41.45	\$0.01
CALL TRANSFER - MTCE - 5E	7	0.660	0.003	0.700	0.01		\$0.01
CALL TRANSFER - ADMIN - DMS	10	0.340	0.003	0.700	0.01		\$0.00
CALL TRANSFER - MTCE - DMS	15	0.340	0.003	0.700	0.01	\$41.45	\$0.01
CALLING NUMBER DELIVERY BLOCKING/CALL - ADMIN - 5E	10	0.660	0.003	0.700	0.01	\$41.45	\$0.01
CALLING NUMBER DELIVERY BLOCKING/CALL - MTCE - 5E	10	0.660	0.003	0.700	0.01		\$0.01
CALLING NUMBER DELIVERY BLOCKING/CALL - ADMIN - DMS	20	0.340	0.003	0.700	0.01		\$0.01
CALLING NUMBER DELIVERY BLOCKING/CALL - MTCE - DMS	20	0.340	0.003	0.700	0.01	\$41.45	\$0.01
COMMON BLOCK - ADMIN - 5E	10	0.660	0.003	0.700	0.01		\$0.01
COMMON BLOCK - MTCE - 5E	10	0.660	0.003	0.700	0.01		\$0.01
COMMON BLOCK - ADMIN - DMS	335	0.340	0.003	0.700	0.24		\$0.17
COMMON BLOCK - MTCE - DMS	580	0.340	0.003	0.700	0.41		\$0.29
CONFERENCE CALLING 3 WAY - ADMIN - 5E	7	0.660	0.003	0.700	0.01	\$41.45	\$0.01

Qwest Advice No. 3376T Page 683 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti
Product Group: Interconnection

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G	Н	<u>I</u>
						B * (C Thru F)		H * (G/60)
NEW UNE-P 2B+D BRI ISDN INSTALL - MANUAL (con't)								
CONFERENCE CALLING 3 WAY - MTCE - 5E	7	0.660	0.003	0.700		0.01	\$41.45	\$0.01
D CHANNEL PACKET SWITCHED DATA - ADMIN - DMS	15	0.340	0.003	0.700		0.01	\$41.45	\$0.01
D CHANNEL PACKET SWITCHED DATA - MTCE - DMS	10	0.340	0.003	0.700		0.01	\$41.45	\$0.00
DROP - ADMIN - 5E	7	0.660	0.003	0.700		0.01	\$41.45	\$0.01
DROP - MTCE - 5E	7	0.660	0.003	0.700		0.01	\$41.45	\$0.01
INTERCOM (AUTO/GROUP) 2 FEATURES - ADMIN - DMS	15	0.340	0.003	0.700		0.01	\$41.45	\$0.01
INTERCOM (AUTO/GROUP) 2 FEATURES - MTCE - DMS	15	0.340	0.003	0.700		0.01	\$41.45	\$0.01
MESSAGE WAITING INDICÁTOR AUDIBLE/VISUAL - ADMIN - 5E	7	0.660	0.003	0.700		0.01	\$41.45	\$0.01
MESSAGE WAITING INDICATOR AUDIBLE/VISUAL - MTCE - 5E	7	0.660	0.003	0.700		0.01	\$41.45	\$0.01
SPEED CALL 30 - ADMIN - 5E	7	0.660	0.003	0.700		0.01	\$41.45	\$0.01
SPEED CALL 30 - MTCE - 5E	7	0.660	0.003	0.700		0.01	\$41.45	\$0.01
SPEED CALL 30 - ADMIN - DMS	10	0.340	0.003	0.700		0.01	\$41.45	\$0.00
SPEED CALL 30 - MTCE - DMS	10	0.340	0.003	0.700		0.01	\$41.45	\$0.00
STANDARD CONFIGURATION GROUP - ADMIN - 5E	30	0.660	0.003	0.700		0.04	\$41.45	\$0.03
STANDARD CONFIGURATION GROUP - MTCE - 5E	30	0.660	0.003	0.700		0.04	\$41.45	\$0.03
Subtotal - NROC- COMPLEX TRANSLATIONS						1.55		\$1.07
Total For Service:						161.98		\$114.77

Qwest Advice No. 3376T Page 684 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	[
						B * (C Thru F)		H * (G/60)

NEW UNE-P 2B+D BRI ISDN INSTALL - MANUAL (con't)

14267 Direct Cost			\$114.77
14268			
14269	Cost	Cost	
14270	Calculation	Factor	Cost
14271	ВС	D	E
14272 Directly Assigned			
14273 Product Management Expense	D14273*E14267	0.040393	\$4.64
14274 Sales Expense	D14274*E14267	0.014960	\$1.72
14275 Product Advertising Expense	D14275*E14267	0.000000	\$0.00
14276 Business Fees (Other Operating Taxes)	D14276*Sum(E14267:E14275)	0.042595	<u>\$5.16</u>
14277 Directly Assigned Costs	Sum(E14267:E14276)		\$11.51
14278			
14279 Total Direct Costs	E14267+E14277		\$126.28
14280			
14281 Directly Attributed			_
14282 Network Operations	D14282*E14279	0.056129	\$7.09
14283 Network Support Assets	D14283*E14279	0.014074	\$1.78
14284 General Support Assets	D14284*E14279	0.057904	\$7.31
14285 General Purpose Computers	D14285*E14279	0.040926	\$5.17
14286 Uncollectible	D14286*E14279	0.001136	\$0.14
14287 Accounting & Finance Expense	D14287*E14279	0.010471	\$1.32
14288 Human Resources Expense	D14288*E14279	0.009808	\$1.24
14289 Information Management Expense	D14289*E14279	0.068149	\$8.61
14290 Intangibles	D14290*E14279	0.002634	\$0.33
14291 Directly Attributed Costs	Sum(E14282:E14290)		\$32.99
14292	F44000 F44004		0450.07
14293 TELRIC 14294	E14282+E14291		\$159.27
14294 14295 Common			
	D14296*E14293	0.008052	\$1.28
14296 Executive Expense	D14296*E14293 D14297*E14293	0.008052	\$0.11
14297 Planning Expense			
14298 External Relations Expense	D14298*E14293 D14299*E14293	0.009631 0.007338	\$1.53 \$1.17
14299 Legal Expense 14300 Other Procurement Expense			\$1.17 \$0.44
14300 Other Procurement Expense 14301 Research & Development Expense	D14300*E14293 D14301*E14293	0.002772 0.000042	\$0.44 \$0.01
14301 Research & Development Expense 14302 Other General and Admin Expense	D14301*E14293 D14302*E14293	0.000042	\$3.04
14302 Other General and Admin Expense	Sum(E14296:E14302)	0.019104	\$7.58
14304 Common Costs	Juii(€14290:€14302)		φ1.58
14305 TELRIC + Common Costs	E14293+E14303		\$166.85
14000 TELMO T COMMINUM COSIS	E142337E143U3		φ100.65

Qwest Advice No. 3376T Page 685 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B Study Year: 2001

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob	Applied Time	Labor /Hour	Coot
Work item A	Minutes B	#1 C	#2 D	#3 F	#4 F	(Minutes) G	/Hour H	Cost
~	5	Ü	D	_		B * (C Thru F)	••	H * (G/60)
NEW UNE-P 2B+D BRI ISDN DISCONNECT - MECHANIZED								
DISCONNECT								
-INTERCONNECT SERVICE CENTER								
Time estimate(s) ordered by commission staff.								
Process order	6	1.000				6.00	\$40.03	\$4.00
Subtotal - INTERCONNECT SERVICE CENTER						6.00		\$4.00
GUNGUAT - INTERCOGNICE OF GENERAL						0.00		ψ4.00
-LOOP PROVISIONING CENTER								
Probability is % manual work required. Commision staff ordered. .70 probability reflects 30% reduction to work time estimates ordered								
Clearing time per RMA(Reg for man asst)	11.25	0.150	0.700			1.18	\$37.78	\$0.74
,							**	·
Subtotal - LOOP PROVISIONING CENTER						1.18		\$0.74
-DESIGN SERVICE CENTER - DESIGN								
.10 Probability % manual work is required.								
.70 probability reflects 30% reduction to work time estimates ordered	-	0.400	0.700			0.05	04404	# 0.00
Order handling/screening Generic Order Control order log	5 6	0.100 0.100	0.700 0.700			0.35 0.42	\$44.31 \$44.31	\$0.26 \$0.31
Enter Work Authorization Mask	5	0.100	0.700			0.35	\$44.31	\$0.26
Disconnect Circuit	5	0.100	0.700			0.35	\$44.31	\$0.26
Distribute Word Documents	2	0.050	0.700			0.07	\$44.31	\$0.05
Subtotal - DESIGN SERVICE CENTER - DESIGN						1.54		\$1.14
-CENTRAL OFFICE TECHNICIAN								
Time estimate(s) ordered by commission staff.								
.04 based on average of 24 members per group (1/23)								
Analyze order 1st trunk	2	1.000				2.00	\$43.81 \$43.81	\$1.46
Analyze order addl trunk Remove cross-connect 1st trunk	2 3	0.040 1.000				0.08 3.00	\$43.81	\$0.06 \$2.19
Remove cross-connect addl trunk	3	0.040				0.12	\$43.81	\$0.09
Subtotal - CENTRAL OFFICE TECHNICIAN						5.20		\$3.80
-SERVICE DELIVERY IMPLEMENTOR								
.70 probability reflects 30% reduction to work time estimates ordered								
Scrren WFA (Work Force Administration) for circuit	5	0.700				3.50	\$43.81	\$2.56
Contact Customer	5	0.700				3.50	\$43.81	\$2.56
Complete circuit in WFA/C (Work Force Adminstration - Control Module)	5	0.700				3.50	\$43.81	\$2.56

Qwest Advice No. 3376T Page 686 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti Product Group: Interconnection

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	В	C	D	E E	F	G	H	
						B * (C Thru F)		H * (G/60)
NEW UNE-P 2B+D BRI ISDN DISCONNECT - MECHANIZED (con't)								
Subtotal - SERVICE DELIVERY IMPLEMENTOR						10.50		\$7.67
-RCMAC								
.70 probability reflects 30% reduction to work time estimates ordered								
Translations - 2B+D	4	0.700				2.80	\$43.81	\$2.04
Subtotal - RCMAC						2.80		\$2.04
-RCMAC								
.66 & .34 probability is % by switch type								
.70 probability reflects 30% reduction to work time estimates ordered								
AIOD - 5E	1	0.660	0.700			0.46	\$43.81	\$0.34
AIOD - DMS	1	0.340	0.700			0.24	\$43.81	\$0.17
ADDITIONAL CALL APPEARANCE - 5E	1	0.660	0.700			0.46	\$43.81	\$0.34
ADDITIONAL CALL APPEARANCE - DMS	1	0.340	0.700			0.24	\$43.81	\$0.17
B CHANNEL CIRCUIT SWITCHED DATA - 5E	1	0.660	0.700			0.46	\$43.81	\$0.34
B CHANNEL CIRCUIT SWITCHED DATA - DMS	1	0.340	0.700			0.24	\$43.81	\$0.17
CALL EXCLUSION (MADN)(PICK ONE) AUTO OR MANUAL - 5E	1	0.660	0.700			0.46	\$43.81	\$0.34
CALL EXCLUSION (MADN)(PICK ONE) AUTO OR MANUAL - DMS	1	0.340	0.700			0.24	\$43.81	\$0.17
CALL FORWARD BUSY LINE CSD - 5E	1	0.660	0.700			0.46	\$43.81	\$0.34
CALL FORWARD BUSY LINE CSD - DMS	1	0.340	0.700			0.24	\$43.81	\$0.17
CALL FORWARD DON'T ANSWER CSD - 5E	1	0.660	0.700			0.46	\$43.81	\$0.34
CALL FORWARD DON'T ANSWER CSD - DMS	1	0.340	0.700			0.24	\$43.81	\$0.17
CALL FORWARD VARIABLE CSD - 5E	1	0.660	0.700			0.46	\$43.81	\$0.34
CALL FORWARD VARIABLE CSD - DMS	1	0.340	0.700			0.24	\$43.81	\$0.17
CALL FORWARD BUSY LINE CSV - 5E	1	0.660	0.700			0.46	\$43.81	\$0.34
CALL FORWARD BUSY LINE CSV - DMS	1	0.340	0.700			0.24	\$43.81	\$0.17
CALL FORWARD DON'T ANSWER CSV - 5E	1	0.660	0.700			0.46	\$43.81	\$0.34
CALL FORWARD DON'T ANSWER CSV - DMS	1	0.340	0.700			0.24	\$43.81	\$0.17
CALL FORWARD VARIABLE CSV - 5E	1	0.660	0.700			0.46	\$43.81	\$0.34
CALL FORWARD VARIABLE CSV - DMS	1	0.340	0.700			0.24	\$43.81	\$0.17
CALL HOLD - 5E	1	0.660	0.700			0.46	\$43.81	\$0.34
CALL HOLD - DMS	1	0.340	0.700			0.24	\$43.81	\$0.17
CALL TRANSFER - DMS	1	0.340	0.700			0.24	\$43.81	\$0.17
CALLING NUMBER DELIVERY BLOCKING/CALL - 5E	1	0.660	0.700			0.46	\$43.81	\$0.34
CALLING NUMBER DELIVERY BLOCKING/CALL - DMS	1	0.340	0.700			0.24	\$43.81	\$0.17
CALLING PARTY NUMBER DELIVERY, ONLY, FLAT, ALL - 5E	1	0.660	0.700			0.46	\$43.81	\$0.34
CALLING PARTY NUMBER DELIVERY, ONLY, FLAT, ALL - DMS	1	0.340	0.700			0.24	\$43.81	\$0.17
CONFERENCE CALLING 3 - WAY - 5E	1	0.660	0.700			0.46	\$43.81	\$0.34
CONFERENCE CALLING 3 - WAY - DMS	1	0.340	0.700			0.24	\$43.81	\$0.17
D CHANNEL PACKET SWITCHED DATA - 5E	1	0.660	0.700			0.46	\$43.81	\$0.34
D CHANNEL PACKET SWITCHED DATA - DMS	1	0.340	0.700			0.24	\$43.81	\$0.17
DISPLAY NUMBER CALLING LINE IDENTIFICATION (OCLID) - 5E	:	0.660	0.700			0.46	\$43.81	\$0.34

Qwest Advice No. 3376T Page 687 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	
						B * (C Thru F)		H * (G/60)
NEW UNE-P 2B+D BRI ISDN DISCONNECT - MECHANIZED (con't)								
DISPLAY/DISPLAYED CALLED NUMBER (ICLID) - 5E	1	0.660	0.700			0.46	\$43.81	\$0.34
DROP - DMS	1	0.340	0.700			0.24	\$43.81	\$0.17
INTERCOM (AUTO/GROUP) 2 FEATURES - 5E	1	0.660	0.700			0.46	\$43.81	\$0.34
INTERCOM (AUTO/GROUP) 2 FEATURES - DMS	1	0.340	0.700			0.24	\$43.81	\$0.17
MESSAGE WAITING INDICATOR AUDIBLE/VISUAL - 5E	1	0.660	0.700			0.46	\$43.81	\$0.34
MESSAGE WAITING INDICATOR AUDIBLE/VISUAL - DMS	1	0.340	0.700			0.24	\$43.81	\$0.17
PRIMARY DIRECTORY NUMBER - 5E	1	0.660	0.700			0.46	\$43.81	\$0.34
PRIMARY DIRECTORY NUMBER - DMS	1	0.340	0.700			0.24	\$43.81	\$0.17
RINGING NORMAL - DMS	1	0.340	0.700			0.24	\$43.81	\$0.17
SECONDARY DIRECTORY NUMBER - 5E	1	0.660	0.700			0.46	\$43.81	\$0.34
SECONDARY DIRECTORY NUMBER - DMS	1	0.340	0.700			0.24	\$43.81	\$0.17
SHARED CALL APPEARANCE (QTY 2) - 5E	1	0.660	0.700			0.46	\$43.81	\$0.34
SHARED CALL APPEARANCE (QTY 2) - DMS	1	0.340	0.700			0.24	\$43.81	\$0.17
SPEED CALL 30 - 5E	1	0.660	0.700			0.46	\$43.81	\$0.34
SPEED CALL 30 - DMS	1	0.340	0.700			0.24	\$43.81	\$0.17
X.25 FLOW CONTROL PARAMETER NEGOTIATION, PER CALL - 5E	1	0.660	0.700			0.46	\$43.81	\$0.34
X.25 FLOW CONTROL PARAMETER NEGOTIATION, PER CALL - DMS	1	0.340	0.700			0.24	\$43.81	\$0.17
X.25 LOGICAL CHANNELS - 5E	1	0.660	0.700			0.46	\$43.81	\$0.34
X.25 LOGICAL CHANNELS - DMS	1	0.340	0.700			0.24	\$43.81	\$0.17
X.25 THROUGHTOUT CLASS NEGOTIATION, PER CALL - 5E	1	0.660	0.700			0.46	\$43.81	\$0.34
X.25 THROUGHTOUT CLASS NEGOTIATION, PER CALL - DMS	1	0.340	0.700			0.24	\$43.81	\$0.17
Subtotal - RCMAC						18.44		\$13.46
Total For Service:						45.66		\$32.85

Qwest Advice No. 3376T Page 688 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	[
						B * (C Thru F)		H * (G/60)

NEW UNE-P 2B+D BRI ISDN DISCONNECT - MECHANIZED (con't)

14447 Direct Cost			\$32.8
14448			
14449	Cost	Cost	
14450		Factor	Cost
14451	ВС	D	Е
14452 Directly Assigned			
14453 Product Management Expense	D14453*E14447	0.040393	\$1.3
14454 Sales Expense	D14454*E14447	0.014960	\$0.4
14455 Product Advertising Expense	D14455*E14447	0.000000	\$0.0
14456 Business Fees (Other Operating Taxes)	D14456*Sum(E14447:E14455)	0.042595	<u>\$1.</u>
14457 Directly Assigned Costs	Sum(E14447:E14456)		\$3.
14458			
14459 Total Direct Costs	E14447+E14457		\$36.
14460			
14461 Directly Attributed			
14462 Network Operations	D14462*E14459	0.056129	\$2.
14463 Network Support Assets	D14463*E14459	0.014074	\$0.
14464 General Support Assets	D14464*E14459	0.057904	\$2.
14465 General Purpose Computers	D14465*E14459	0.040926	\$1.
14466 Uncollectible	D14466*E14459	0.001136	\$0.
14467 Accounting & Finance Expense	D14467*E14459	0.010471	\$0.3
14468 Human Resources Expense	D14468*E14459	0.009808	\$0.3
14469 Information Management Expense	D14469*E14459	0.068149	\$2.
14470 Intangibles	D14470*E14459	0.002634	\$0.
14471 Directly Attributed Costs	Sum(E14462:E14470)		\$9.
14472			
14473 TELRIC	E14462+E14471		\$45.
14474			
14475 Common			
14476 Executive Expense	D14476*E14473	0.008052	\$0.
14477 Planning Expense	D14477*E14473	0.000682	\$0.
14478 External Relations Expense	D14478*E14473	0.009631	\$0.
14479 Legal Expense	D14479*E14473	0.007338	\$0.
14480 Other Procurement Expense	D14480*E14473	0.002772	\$0.
14481 Research & Development Expense	D14481*E14473	0.000042	\$0.
14482 Other General and Admin Expense	D14482*E14473	0.019104	\$0.
14483 Common Costs	Sum(E14476:E14482)		\$2.
14484			
14485 TELRIC + Common Costs	E14473+E14483		\$47.7

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Study Name: PART D FINAL ORDER NRC STUDY 7246 B Study Year: 2001

Analyst: Deffley/Eoriatti
Product Group: Interconnection

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	В	С	D	Е	F	G B * (C Thru F)	Н	I H * (G/60)
						B " (C Inru F)		H " (G/60)
NEW UNE-P 2B+D BRI ISDN DISCONNECT - MANUAL								
DISCONNECT								
-INTERCONNECT SERVICE CENTER								
NO MANUAL ISC TIMES PREVIOUSLY FILED IN THIS DOCKET, THEREFORE, CURRENT QWEST ISC TIMES APPLIED.								
.70 probability reflects 30% reduction to work time estimates ordered Reviews LSR for completeness and accuracy, validate circuit/trunks belongs								
to the co-provider Receive LSR	3	1.000	0.700			2.10	\$39.16	\$1.3
Verifies existing account (accesses CSR in BOSS/CARS) and obtains closing billing address if applicable	· ·	1.000	0.700			2.10	ψου. το	ψ1.0
Verify existing account	2	1.000	0.700			1.40	\$39.16	\$0.9
Type, review and submit to customer the Firm Order Confirmation (FOC) Review FOC	2	1.000	0.700			1.40	\$39.16	\$0.9
Input disconnect order into the service order processor (manually typing and formatting of all order for billing and provisioning)							,	• • •
Issue service order	10	1.000	0.700			7.00	\$39.16	\$4.5
Populate required fields Customer Request Management (CRM)	3	1.000	0.700			2.10	\$39.16	\$1.3
Ensure order is successfully distributed to the systems and is ready for provisioning Service Order Analysis & Control (SOAC)	3	1.000	0.700			2.10	\$39.16	\$1.3
Subtotal - INTERCONNECT SERVICE CENTER						16.10		\$10.5
						10.10		Ψ10.0
-LOOP PROVISIONING CENTER Probability is % manual work required. Commision staff ordered.								
.70 probability reflects 30% reduction to work time estimates ordered								
Clearing time per RMA(Req for man asst)	11.25	0.150	0.700			1.18	\$37.78	\$0.7
Subtotal - LOOP PROVISIONING CENTER						1.18		\$0.7
-DESIGN SERVICE CENTER - DESIGN								
PROB #1 = Probability % manual work is required.								
.70 probability reflects 30% reduction to work time estimates ordered								
Order handling/screening	5	0.100	0.700			0.35	\$44.31	\$0.2
Generic Order Control order log	6	0.100	0.700			0.42	\$44.31	\$0.3
Enter Work Authorization Mask	5	0.100	0.700			0.35	\$44.31	\$0.2
Disconnect Circuit	5	0.100	0.700			0.35	\$44.31	\$0.2
Distribute Word Documents	2	0.050	0.700			0.07	\$44.31	\$0.0
Subtotal - DESIGN SERVICE CENTER - DESIGN						1.54		\$1.14

Qwest Advice No. 3376T Page 690 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti
Product Group: Interconnection

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	B	C C	D	#3	#4 F	G B * (C Thru F)	H	H * (G/60)
NEW UNE-P 2B+D BRI ISDN DISCONNECT - MANUAL (con't)						(,		(====,
-CENTRAL OFFICE TECHNICIAN								
Time estimate(s) ordered by commission staff.								
PROB #1 = average number per trunk group								
.04 based on average of 24 members per group (1/23)								
Analyze order 1st trunk	2	1.000				2.00	\$43.81	\$1.46
Analyze order addl trunk	2	0.040				0.08	\$43.81	\$0.06
Remove cross-connect 1st trunk	3	1.000				3.00	\$43.81	\$2.19
Remove cross-connect addl trunk	3	0.040				0.12	\$43.81	\$0.09
Subtotal - CENTRAL OFFICE TECHNICIAN						5.20		\$3.80
-SERVICE DELIVERY IMPLEMENTOR								
.70 probability reflects 30% reduction to work time estimates ordered								
Scrren WFA (Work Force Administration) for circuit	5	1.000	0.700			3.50	\$43.81	\$2.56
Contact Customer	5	1.000	0.700			3.50	\$43.81	\$2.56
Complete circuit in WFA/C (Work Force Adminstration - Control Module)	5	1.000	0.700			3.50	\$43.81	\$2.56
Subtotal - SERVICE DELIVERY IMPLEMENTOR						10.50		\$7.67
-RCMAC								
.70 probability reflects 30% reduction to work time estimates ordered								
Translations - 2B+D	4	0.700				2.80	\$43.81	\$2.04
Subtotal - RCMAC						2.80		\$2.04
-RCMAC								
1st probability is % by switch type								
.70 probability reflects 30% reduction to work time estimates ordered								
AIOD - 5E	1	0.660	0.700			0.46	\$43.81	\$0.34
AIOD - DMS	1	0.340	0.700			0.24	\$43.81	\$0.17
ADDITIONAL CALL APPEARANCE - 5E	1	0.660	0.700			0.46	\$43.81	\$0.34
ADDITIONAL CALL APPEARANCE - DMS	1	0.340	0.700			0.24	\$43.81	\$0.17
B CHANNEL CIRCUIT SWITCHED DATA - 5E	1	0.660	0.700			0.46	\$43.81	\$0.34
B CHANNEL CIRCUIT SWITCHED DATA - DMS	1	0.340	0.700			0.24	\$43.81	\$0.17
CALL EXCLUSION (MADN)(PICK ONE) AUTO OR MANUAL - 5E	1	0.660	0.700			0.46	\$43.81	\$0.34
CALL EXCLUSION (MADN)(PICK ONE) AUTO OR MANUAL - DMS	1	0.340	0.700			0.24	\$43.81	\$0.17
CALL FORWARD BUSY LINE CSD - 5É	1	0.660	0.700			0.46	\$43.81	\$0.34
CALL FORWARD BUSY LINE CSD - DMS	1	0.340	0.700			0.24	\$43.81	\$0.17
CALL FORWARD DON'T ANSWER CSD - 5E	1	0.660	0.700			0.46	\$43.81	\$0.34
CALL FORWARD DON'T ANSWER CSD - DMS	1	0.340	0.700			0.24	\$43.81	\$0.17
CALL FORWARD VARIABLE CSD - 5E	1	0.660	0.700			0.46	\$43.81	\$0.34
CALL FORWARD VARIABLE CSD - DMS	1	0.340	0.700			0.24	\$43.81	\$0.17
CALL FORWARD BUSY LINE CSV - 5E	1	0.660	0.700			0.46	\$43.81	\$0.34

Qwest Advice No. 3376T Page 691 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti Product Group: Interconnection

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G D + (O There F)	Н	
						B * (C Thru F)		H * (G/60)
NEW UNE-P 2B+D BRI ISDN DISCONNECT - MANUAL (con't)								
CALL FORWARD BUSY LINE CSV - DMS	1	0.340	0.700			0.24	\$43.81	\$0.17
CALL FORWARD DON'T ANSWER CSV - 5E	1	0.660	0.700			0.46	\$43.81	\$0.34
CALL FORWARD DON'T ANSWER CSV - DMS	1	0.340	0.700			0.24	\$43.81	\$0.17
CALL FORWARD VARIABLE CSV - 5E	1	0.660	0.700			0.46	\$43.81	\$0.34
CALL FORWARD VARIABLE CSV - DMS	1	0.340	0.700			0.24	\$43.81	\$0.17
CALL HOLD - 5E	1	0.660	0.700			0.46	\$43.81	\$0.34
CALL HOLD - DMS	1	0.340	0.700			0.24	\$43.81	\$0.17
CALL TRANSFER - DMS	1	0.340	0.700			0.24	\$43.81	\$0.17
CALLING NUMBER DELIVERY BLOCKING/CALL - 5E	1	0.660	0.700			0.46	\$43.81	\$0.34
CALLING NUMBER DELIVERY BLOCKING/CALL - DMS	1	0.340	0.700			0.24	\$43.81	\$0.17
CALLING PARTY NUMBER DELIVERY, ONLY, FLAT, ALL - 5E	1	0.660	0.700			0.46	\$43.81	\$0.34
CALLING PARTY NUMBER DELIVERY, ONLY, FLAT, ALL - DMS	1	0.340	0.700			0.24	\$43.81	\$0.17
CONFERENCE CALLING 3 - WAY - 5E	1	0.660	0.700			0.46	\$43.81	\$0.34
CONFERENCE CALLING 3 - WAY - DMS	1	0.340	0.700			0.24	\$43.81	\$0.17
D CHANNEL PACKET SWITCHED DATA - 5E	1	0.660	0.700			0.46	\$43.81	\$0.34
D CHANNEL PACKET SWITCHED DATA - DMS	1	0.340	0.700			0.24	\$43.81	\$0.17
DISPLAY NUMBER CALLING LINE IDENTIFICATION (OCLID) - 5E	1	0.660	0.700			0.46	\$43.81	\$0.34
DISPLAY/DISPLAYED CALLED NUMBER (ICLID) - 5E	1	0.660	0.700			0.46	\$43.81	\$0.34
DROP - DMS	1	0.340	0.700			0.24	\$43.81	\$0.17
INTERCOM (AUTO/GROUP) 2 FEATURES - 5E	1	0.660	0.700			0.46	\$43.81	\$0.34
INTERCOM (AUTO/GROUP) 2 FEATURES - DMS	1	0.340	0.700			0.24	\$43.81	\$0.17
MESSAGE WAITING INDICATOR AUDIBLE/VISUAL - 5E	1	0.660	0.700			0.46	\$43.81	\$0.34
MESSAGE WAITING INDICATOR AUDIBLE/VISUAL - DMS	1	0.340	0.700			0.24	\$43.81	\$0.17
PRIMARY DIRECTORY NUMBER - 5E	1	0.660	0.700			0.46	\$43.81	\$0.34
PRIMARY DIRECTORY NUMBER - DMS	1	0.340	0.700			0.24	\$43.81	\$0.17
RINGING NORMAL - DMS	1	0.340	0.700			0.24	\$43.81	\$0.17
SECONDARY DIRECTORY NUMBER - 5E	1	0.660	0.700			0.46	\$43.81	\$0.34
SECONDARY DIRECTORY NUMBER - DMS	1	0.340	0.700			0.24	\$43.81	\$0.17
SHARED CALL APPEARANCE (QTY 2) - 5E	1	0.660	0.700			0.46	\$43.81	\$0.34
SHARED CALL APPEARANCE (QTY 2) - DMS	1	0.340	0.700			0.24	\$43.81	\$0.17
SPEED CALL 30 - 5E	1	0.660	0.700			0.46	\$43.81	\$0.34
SPEED CALL 30 - DMS	1	0.340	0.700			0.24	\$43.81	\$0.17
X.25 FLOW CONTROL PARAMETER NEGOTIATION, PER CALL - 5E	1	0.660	0.700			0.46	\$43.81	\$0.34
X.25 FLOW CONTROL PARAMETER NEGOTIATION, PER CALL - DMS	1	0.340	0.700			0.24	\$43.81	\$0.17
X.25 LOGICAL CHANNELS - 5E	1	0.660	0.700			0.46	\$43.81	\$0.34
X.25 LOGICAL CHANNELS - DMS	1	0.340	0.700			0.24	\$43.81	\$0.17
X.25 THROUGHTOUT CLASS NEGOTIATION, PER CALL - 5E	1	0.660	0.700			0.46	\$43.81	\$0.34
X.25 THROUGHTOUT CLASS NEGOTIATION, PER CALL - DMS	1	0.340	0.700			0.24	\$43.81	\$0.17
Subtotal - RCMAC						18.44		\$13.46
Total For Service:						55.76		\$39.36

Qwest Advice No. 3376T Page 692 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	[
						B * (C Thru F)		H * (G/60)

NEW UNE-P 2B+D BRI ISDN DISCONNECT - MANUAL (con't)

14628 Cost Cost Cost Cost Cost Cost Calculation Factor	Cost E \$1.59 \$0.59 \$0.00 \$1.77 \$3.95
14630 Calculation Factor 14631 B C D 14632 Directly Assigned 14633 Product Management Expense D14633*E14627 0.040393 14635 Product Advertising Expense D14635*E14627 0.000000 14636 Business Fees (Other Operating Taxes) D14636*Sum(E14627:E14635) 0.042595 14637 Directly Assigned Costs Sum(E14627:E14636) 14638 Total Direct Costs E14627+E14637 14640 14641 Directly Attributed 14642 Network Operations D14642*E14639 0.056129 14643 Network Support Assets D14644*E14639 0.040926 14645 General Purpose Computers D14645*E14639 0.040926 14646 Uncollectible D14646*E14639 0.040926	\$1.59 \$0.59 \$0.00 \$1.77
14631 B C D	\$1.59 \$0.59 \$0.00 \$1.77
14632 Directly Assigned 14633 Product Management Expense D14633*E14627 0.040393 14634 Sales Expense D14635*E14627 0.014960 14635 Product Advertising Expense D14635*E14627 0.00000 14636 Business Fees (Other Operating Taxes) D14636*Sum(E14627:E14635) 0.042595 14637 Directly Assigned Costs Sum(E14627:E14636) 14638 E14627+E14637 14640 Intercity Attributed 14641 Directly Attributed D14642*E14639 0.056129 14643 Network Operations D14643*E14639 0.014074 14644 General Support Assets D14643*E14639 0.057904 14645 General Purpose Computers D14645*E14639 0.040926 14646 Uncollectible D14646*E14639 0.0001136	\$1.59 \$0.59 \$0.00 \$1.77
14633 Product Management Expense D14633*E14627 0.040393 14634 Sales Expense D14634*E14627 0.014960 14635 Product Advertising Expense D14635*E14627 0.00000 14636 Business Fees (Other Operating Taxes) D14636*Sum(E14627:E14635) 0.042595 14637 Directly Assigned Costs Sum(E14627:E14636) Sum(E14627:E14636) 14639 Total Direct Costs E14627+E14637 Sum(E14627:E14637) 14640 Infectly Attributed 14641 Directly Attributed Sum(E1463*E14639) 0.056129 14643 Network Operations D14643*E14639 0.040926 14644 General Support Assets D14645*E14639 0.057904 14645 General Purpose Computers D14645*E14639 0.040926 14646 Uncollectible D14646*E14639 0.001136	\$0.59 \$0.00 <u>\$1.77</u>
14634 Sales Expense D14634*E14627 0.014960 14635 Product Advertising Expense D14635*E14627 0.000000 14636 Business Fees (Other Operating Taxes) D14636*Sum(E14627:E14635) 0.042595 14637 Directly Assigned Costs Sum(E14627:E14636)	\$0.59 \$0.00 <u>\$1.77</u>
14635 Product Advertising Expense D14635*E14627 0.000000 14636 Business Fees (Other Operating Taxes) D14636*Sum(E14627:E14635) 0.042595 14637 Directly Assigned Costs Sum(E14627:E14636) ***********************************	\$0.00 <u>\$1.77</u>
14636 Business Fees (Other Operating Taxes) D14636*Sum(E14627:E14635) 0.042595 14637 Directly Assigned Costs Sum(E14627:E14636) 14638 E14627+E14637 14640 Intercet Costs E14627+E14637 14640 Intercetly Attributed 14642 Network Operations D14642*E14639 0.056129 14643 Network Support Assets D14643*E14639 0.014074 14645 General Purpose Computers D14645*E14639 0.040926 14646 Uncollectible D14646*E14639 0.001136	\$1.77
14637 Directly Assigned Costs 14638 E14627:E14636) 14639 Total Direct Costs E14627+E14637 14640 Interctly Attributed 14641 Directly Attributed D14642*E14639 0.056129 14643 Network Operations D14643*E14639 0.04074 14644 General Support Assets D14644*E14639 0.057904 14645 General Purpose Computers D14645*E14639 0.040926 14646 Uncollectible D14646*E14639 0.001136	
14638 14639 Total Direct Costs E14627+E14637 14640 14641 Directly Attributed 14642 Network Operations D14642*E14639 0.056129 14643 Network Support Assets D14643*E14639 0.014074 14645 General Purpose Computers D14645*E14639 0.040926 14646 Uncollectible D14646*E14639 0.001136	\$3.95
14639 Total Direct Costs 14640 14641 Directly Attributed 14642 Network Operations D14642*E14639 0.056129 14643 Network Support Assets D14643*E14639 0.014074 14644 General Support Assets D14644*E14639 0.057904 14645 General Purpose Computers D14645*E14639 0.040926 14646 Uncollectible D14646*E14639 0.001136	
14640 14641 Directly Attributed 14642 Network Operations D14642*E14639 0.056129 14643 Network Support Assets D14643*E14639 0.014074 14644 General Support Assets D14644*E14639 0.057904 14645 General Purpose Computers D14645*E14639 0.040926 14646 Uncollectible D14646*E14639 0.001136	
14641 Directly Attributed 14642 Network Operations D14642*E14639 0.056129 14643 Network Support Assets D14643*E14639 0.014074 14644 General Support Assets D14644*E14639 0.057904 14645 General Purpose Computers D14645*E14639 0.040926 14646 Uncollectible D14646*E14639 0.001136	\$43.31
14642 Network Operations D14642*E14639 0.056129 14643 Network Support Assets D14643*E14639 0.014074 14644 General Support Assets D14644*E14639 0.057904 14645 General Purpose Computers D14645*E14639 0.040926 14646 Uncollectible D14646*E14639 0.001136	
14643 Network Support Assets D14643*E14639 0.014074 14644 General Support Assets D14644*E14639 0.057904 14645 General Purpose Computers D14645*E14639 0.040926 14646 Uncollectible D14646*E14639 0.001136	
14644 General Support Assets D14644*E14639 0.057904 14645 General Purpose Computers D14645*E14639 0.040926 14646 Uncollectible D14646*E14639 0.001136	\$2.43
14645 General Purpose Computers D14645*E14639 0.040926 14646 Uncollectible D14646*E14639 0.001136	\$0.61
14646 Uncollectible D14646*E14639 0.001136	\$2.51
	\$1.77
14647 Accounting & Finance Expense D14647*F14639 0.010471	\$0.05
1.0 11 1.000 animing a 1 mario 2.1pone 0.010 m	\$0.45
14648 Human Resources Expense D14648*E14639 0.009808	\$0.42
14649 Information Management Expense D14649*E14639 0.068149	\$2.95
14650 Intangibles D14650*E14639 0.002634	\$0.11
14651 Directly Attributed Costs Sum(E14642:E14650)	\$11.31
14652	
14653 TELRIC E14642+E14651	\$54.62
14654	
14655 Common	
14656 Executive Expense D14656*E14653 0.008052	\$0.44
14657 Planning Expense D14657*E14653 0.000682	\$0.04
14658 External Relations Expense D14658*E14653 0.009631	\$0.53
14659 Legal Expense D14659*E14653 0.007338	\$0.40
14660 Other Procurement Expense D14660*E14653 0.002772	\$0.15
14661 Research & Development Expense D14661*E14653 0.000042	\$0.00
14662 Other General and Admin Expense D14662*E14653 0.019104	
14663 Common Costs Sum(E14656:E14662)	\$1.04
14664	
14665 TELRIC + Common Costs E14653+E14663	\$1.04

Qwest Advice No. 3376T Page 693 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B Study Year: 2001

Analyst: Deffley/Eoriatti
Product Group: Interconnection

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	В	С	D	E	F	G B * (C Thru F)	Н	I H * (G/60)
CUSTOM ROUTING- OPERATOR, DA DEVELOPMENT PER LCC								
<u>*ADD*</u>								
-ACCOUNT MANAGER .7 probability reflects 30% reduction to work time estimates ordered. ISSUE FORMS/TECH SUPPORT	120	1.000			0.700	84.00	\$56.97	\$79.76
Subtotal - ACCOUNT MANAGER						84.00		\$79.76
-CT TECHNICAL SUPPORT .7 probability reflects 30% reduction to work time estimates ordered. PROVISION FORMS	120	1.000			0.700	84.00	\$56.97	\$79.76
Subtotal - CT TECHNICAL SUPPORT						84.00		\$79.76
Total For Service:						168.00		\$159.52

Qwest Advice No. 3376T Page 694 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	[
						B * (C Thru F)		H * (G/60)

CUSTOM ROUTING- OPERATOR, DA DEVELOPMENT PER LCC (con't)

14717 Direct Cost			\$159.52
14718			
14719	Cost	Cost	
14720	Calculation	Factor	Cost
14721	ВС	D	Е
14722 Directly Assigned			
14723 Product Management Expense	D14723*E14717	0.040393	\$6.44
14724 Sales Expense	D14724*E14717	0.014960	\$2.39
14725 Product Advertising Expense	D14725*E14717	0.000000	\$0.00
14726 Business Fees (Other Operating Taxes)	D14726*Sum(E14717:E14725)	0.042595	\$7.17
14727 Directly Assigned Costs	Sum(E14717:E14726)		\$16.00
14728			
14729 Total Direct Costs	E14717+E14727		\$175.52
14730			
14731 Directly Attributed			
14732 Network Operations	D14732*E14729	0.056129	\$9.85
14733 Network Support Assets	D14733*E14729	0.014074	\$2.47
14734 General Support Assets	D14734*E14729	0.057904	\$10.16
14735 General Purpose Computers	D14735*E14729	0.040926	\$7.18
14736 Uncollectible	D14736*E14729	0.001136	\$0.20
14737 Accounting & Finance Expense	D14737*E14729	0.010471	\$1.84
14738 Human Resources Expense	D14738*E14729	0.009808	\$1.72
14739 Information Management Expense	D14739*E14729	0.068149	\$11.96
14740 Intangibles	D14740*E14729	0.002634	\$0.46
14741 Directly Attributed Costs	Sum(E14732:E14740)		\$45.85
14742			
14743 TELRIC	E14732+E14741		\$221.37
14744			
14745 Common	D44740*E44740	0.000050	04.70
14746 Executive Expense	D14746*E14743	0.008052	\$1.78
14747 Planning Expense	D14747*E14743	0.000682	\$0.15
14748 External Relations Expense	D14748*E14743	0.009631	\$2.13
14749 Legal Expense	D14749*E14743	0.007338	\$1.62
14750 Other Procurement Expense	D14750*E14743	0.002772	\$0.61
14751 Research & Development Expense	D14751*E14743	0.000042	\$0.01
14752 Other General and Admin Expense	D14752*E14743	0.019104	\$4.23
14753 Common Costs 14754	Sum(E14746:E14752)		\$10.54
14755 TELRIC + Common Costs	E14743+E14753		\$231.91
14/33 TELRIC + COMMINION COStS	E14/43+E14/33		\$231.91

Qwest Advice No. 3376T Page 695 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B Study Year: 2001

Analyst: Deffley/Eoriatti
Product Group: Interconnection

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	В	С	D	E	F	G B * (C Thru F)	Н	I H * (G/60)
CUSTOM ROUTING- OPERATOR, DA INSTALLATION PER SWITCH								
ADD								
-ACCOUNT MANAGER .7 probability reflects 30% reduction to work time estimates ordered. ISSUE FORMS/COMPLEX TRANS	30	1.000			0.700	21.00	\$56.97	\$19.94
Subtotal - ACCOUNT MANAGER						21.00		\$19.94
-COMPLEX TRANSLATIONS Probability weightings are the percent by switch type. .7 probability reflects 30% reduction to work time estimates ordered. PROV/TEST LCC DMS100	240	0.340			0.700	57.12	\$41.45	\$39.46
PROV/TEST LCC 5E,DMS10	180	0.660			0.700	83.16	\$41.45	\$57.45
Subtotal - COMPLEX TRANSLATIONS						140.28		\$96.91
Total For Service:						161.28		\$116.85

Qwest Advice No. 3376T Page 696 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	[
						B * (C Thru F)		H * (G/60)

CUSTOM ROUTING- OPERATOR, DA INSTALLATION PER SWITCH (con't)

14807 Direct Cost			\$116.85
14808			
14809	Cost	Cost	
14810	Calculation	Factor	Cost
14811	ВС	D	E
14812 Directly Assigned			
14813 Product Management Expense	D14813*E14807	0.040393	\$4.72
14814 Sales Expense	D14814*E14807	0.014960	\$1.75
14815 Product Advertising Expense	D14815*E14807	0.000000	\$0.00
14816 Business Fees (Other Operating Taxes)	D14816*Sum(E14807:E14815)	0.042595	\$5.25
14817 Directly Assigned Costs	Sum(E14807:E14816)		\$11.72
14818			
14819 Total Direct Costs	E14807+E14817		\$128.57
14820			
14821 Directly Attributed			
14822 Network Operations	D14822*E14819	0.056129	\$7.22
14823 Network Support Assets	D14823*E14819	0.014074	\$1.81
14824 General Support Assets	D14824*E14819	0.057904	\$7.44
14825 General Purpose Computers	D14825*E14819	0.040926	\$5.26
14826 Uncollectible	D14826*E14819	0.001136	\$0.15
14827 Accounting & Finance Expense	D14827*E14819	0.010471	\$1.35
14828 Human Resources Expense	D14828*E14819	0.009808	\$1.26
14829 Information Management Expense	D14829*E14819	0.068149	\$8.76
14830 Intangibles	D14830*E14819	0.002634	\$0.34
14831 Directly Attributed Costs	Sum(E14822:E14830)		\$33.59
14832			
14833 <i>TELRIC</i>	E14822+E14831		\$162.16
14834			
14835 Common			
14836 Executive Expense	D14836*E14833	0.008052	\$1.31
14837 Planning Expense	D14837*E14833	0.000682	\$0.11
14838 External Relations Expense	D14838*E14833	0.009631	\$1.56
14839 Legal Expense	D14839*E14833	0.007338	\$1.19
14840 Other Procurement Expense	D14840*E14833	0.002772	\$0.45
14841 Research & Development Expense	D14841*E14833	0.000042	\$0.01
14842 Other General and Admin Expense	D14842*E14833	0.019104	\$3.10
14843 Common Costs	Sum(E14836:E14842)		\$7.72
14844			
14845 TELRIC + Common Costs	E14833+E14843		\$169.88

Qwest Advice No. 3376T Page 697 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	В	С	D	E	F	G B * (C Thru F)	Н	I H * (G/60)
PLANNER VERIFICATION Per Manhole								
ADD								
-TACTICAL PLANNING .7 probability reflects 30% reduction to work time estimates ordered. Records Review for manhole verification	15	1.000			0.700	10.50	\$46.18	\$8.08
Subtotal - TACTICAL PLANNING						10.50		\$8.08
Total For Service:						10.50		\$8.08

Qwest Advice No. 3376T Page 698 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G	Н	
						B * (C Thru F)		H * (G/60)

PLANNER VERIFICATION Per Manhole (con't)

14897 Direct Cost			\$8.08
14898			
14899	Cost	Cost	_
14900	Calculation	Factor	Cost
14901	ВС	D	E
14902 Directly Assigned			
14903 Product Management Expense	D14903*E14897	0.040393	\$0.33
14904 Sales Expense	D14904*E14897	0.014960	\$0.12
14905 Product Advertising Expense	D14905*E14897	0.000000	\$0.00
14906 Business Fees (Other Operating Taxes)	D14906*Sum(E14897:E14905)	0.042595	\$0.36
14907 Directly Assigned Costs	Sum(E14897:E14906)		\$0.81
14908			
14909 Total Direct Costs	E14897+E14907		\$8.89
14910			
14911 Directly Attributed			
14912 Network Operations	D14912*E14909	0.056129	\$0.50
14913 Network Support Assets	D14913*E14909	0.014074	\$0.13
14914 General Support Assets	D14914*E14909	0.057904	\$0.51
14915 General Purpose Computers	D14915*E14909	0.040926	\$0.36
14916 Uncollectible	D14916*E14909	0.001136	\$0.01
14917 Accounting & Finance Expense	D14917*E14909	0.010471	\$0.09
14918 Human Resources Expense	D14918*E14909	0.009808	\$0.09
14919 Information Management Expense	D14919*E14909	0.068149	\$0.61
14920 Intangibles	D14920*E14909	0.002634	\$0.02
14921 Directly Attributed Costs	Sum(E14912:E14920)		\$2.32
14922			
14923 TELRIC	E14912+E14921		\$11.22
14924			
14925 Common			
14926 Executive Expense	D14926*E14923	0.008052	\$0.09
14927 Planning Expense	D14927*E14923	0.000682	\$0.01
14928 External Relations Expense	D14928*E14923	0.009631	\$0.11
14929 Legal Expense	D14929*E14923	0.007338	\$0.08
14930 Other Procurement Expense	D14930*E14923	0.002772	\$0.03
14931 Research & Development Expense	D14931*E14923	0.000042	\$0.00
14932 Other General and Admin Expense	D14932*E14923	0.019104	\$0.21
14933 Common Costs	Sum(E14926:E14932)		\$0.53
14934			
14935 TELRIC + Common Costs	E14923+E14933		\$11.75

Qwest Advice No. 3376T Page 699 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B Study Year: 2001

Analyst: Deffley/Eoriatti

Product Group: Interconnection

Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	C	D	Ē	F	G B * (C Thru F)	Н	H * (G/60)
MANHOLE VERIFICATION INSPECTOR Per Manhole								
ADD								
-OUTSIDE PLANT ENGINEERING - FIELD ENGR. (OSP) .7 probability reflects 30% reduction to work time estimates ordered. Inspector time during manhole verification	90	1.000			0.700	63.00	\$51.76	\$54.35
Subtotal - OUTSIDE PLANT ENGINEERING - FIELD ENGR. (OSP)	90	1.000			0.700	63.00	ψ31.70	\$54.35
Total For Service:						63.00		\$54.35

Qwest Advice No. 3376T Page 700 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	[
						B * (C Thru F)		H * (G/60)

MANHOLE VERIFICATION INSPECTOR Per Manhole (con't)

14987 Direct Cost			\$54.35
14988			
14989		ost	
14990	Calculation Fac	ctor	Cost
14991	B C	D	Е
14992 Directly Assigned			
14993 Product Management Expense	D14993*E14987 0	0.040393	\$2.20
14994 Sales Expense	D14994*E14987 0	0.014960	\$0.81
14995 Product Advertising Expense	D14995*E14987 0	0.000000	\$0.00
14996 Business Fees (Other Operating Taxes)	D14996*Sum(E14987:E14995) 0	0.042595	\$2.44
14997 Directly Assigned Costs	Sum(E14987:E14996)		\$5.45
14998	· · · · · · · · · · · · · · · · · · ·		
14999 Total Direct Costs	E14987+E14997		\$59.80
15000			
15001 Directly Attributed			
15002 Network Operations	D15002*E14999 0	0.056129	\$3.36
15003 Network Support Assets	D15003*E14999 0	0.014074	\$0.84
15004 General Support Assets	D15004*E14999 0	0.057904	\$3.46
15005 General Purpose Computers	D15005*E14999 0	0.040926	\$2.45
15006 Uncollectible	D15006*E14999 0	0.001136	\$0.07
15007 Accounting & Finance Expense	D15007*E14999 0	0.010471	\$0.63
15008 Human Resources Expense	D15008*E14999 0	.009808	\$0.59
15009 Information Management Expense	D15009*E14999 0	0.068149	\$4.08
15010 Intangibles	D15010*E14999 0	0.002634	\$0.16
15011 Directly Attributed Costs	Sum(E15002:E15010)		\$15.62
15012	<u> </u>		
15013 TELRIC	E15002+E15011		\$75.42
15014			
15015 Common			
15016 Executive Expense		0.008052	\$0.61
15017 Planning Expense		0.000682	\$0.05
15018 External Relations Expense		0.009631	\$0.73
15019 Legal Expense	D15019*E15013 0	0.007338	\$0.55
15020 Other Procurement Expense		0.002772	\$0.21
15021 Research & Development Expense		0.000042	\$0.00
15022 Other General and Admin Expense		0.019104	\$1.44
15023 Common Costs	Sum(E15016:E15022)		\$3.59
15024			
15025 TELRIC + Common Costs	E15013+E15023		\$79.01
·			

Qwest Advice No. 3376T Page 701 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B Study Year: 2001

Analyst: Deffley/Eoriatti
Product Group: Interconnection

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	В	С	D	E	F	G B * (C Thru F)	Н	H * (G/60)
MANHOLE MAKE-READY INSPECTOR Per Manhole								
<u>*ADD*</u>								
-OUTSIDE PLANT ENGINEERING - FIELD ENGR. (OSP) .7 probability reflects 30% reduction to work time estimates ordered. Inspector time during manhole innerduct placement	240	1.000			0.700	168.00	\$51.76	\$144.93
Subtotal - OUTSIDE PLANT ENGINEERING - FIELD ENGR. (OSP)						168.00		\$144.93
Total For Service:						168.00		\$144.93

Qwest Advice No. 3376T Page 702 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	
						B * (C Thru F)		H * (G/60)

MANHOLE MAKE-READY INSPECTOR Per Manhole (con't)

15077 Direct Cost			\$144.93
15078			
15079		ost	
15080		ctor	Cost
15081	ВС	D	E
15082 Directly Assigned	·		
15083 Product Management Expense		0.040393	\$5.85
15084 Sales Expense		0.014960	\$2.17
15085 Product Advertising Expense		0.000000	\$0.00
15086 Business Fees (Other Operating Taxes)		0.042595	<u>\$6.51</u>
15087 Directly Assigned Costs	Sum(E15077:E15086)		\$14.54
15088			
15089 Total Direct Costs	E15077+E15087		\$159.47
15090			
15091 Directly Attributed			
15092 Network Operations		0.056129	\$8.95
15093 Network Support Assets		0.014074	\$2.24
15094 General Support Assets		0.057904	\$9.23
15095 General Purpose Computers		0.040926	\$6.53
15096 Uncollectible		0.001136	\$0.18
15097 Accounting & Finance Expense		0.010471	\$1.67
15098 Human Resources Expense		0.009808	\$1.56
15099 Information Management Expense		0.068149	\$10.87
15100 Intangibles		0.002634	\$0.42
15101 Directly Attributed Costs	Sum(E15092:E15100)		\$41.66
15102 T51 P10	F45000 F45404		0004.40
15103 TELRIC 15104	E15092+E15101		\$201.12
15104 15105 Common			
15106 Executive Expense	D15106*E15103	0.008052	\$1.62
15106 Executive Expense 15107 Planning Expense		0.006052	\$0.14
15107 Flaming Expense 15108 External Relations Expense		0.000682	\$1.94
15109 External Relations Expense 15109 Legal Expense		0.009631	\$1.94 \$1.48
15110 Other Procurement Expense		0.007336	\$0.56
15110 Other Procurement Expense 15111 Research & Development Expense		0.002772	\$0.56
15111 Research & Development Expense 15112 Other General and Admin Expense		0.000042	\$3.84
15112 Other General and Admin Expense	Sum(E15106:E15112)	.013104	\$9.58
15114	Juni(E19100.E19112)		φ3.30
15114 15115 TELRIC + Common Costs	E15103+E15113		\$210.70
10110 ILLING + Common Costs	E10103+E10113		ψ∠10.70

Qwest Advice No. 3376T Page 703 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B Study Year: 2001

Analyst: Deffley/Eoriatti
Product Group: Interconnection

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	C	D	E	F	G D * (O Theo E)	Н	
						B * (C Thru F)		H * (G/60)
RIGHT-OF-WAY INQUIRY PER INQUIRY								
ADD								
-COLLOCATION PROJECT MANAEMENT CENTER - CPMC								
.7 probability reflects 30% reduction to work time estimates ordered.								
Review for completeness and resolve discrepancies	30	1.000			0.700	21.00	\$56.97	\$19.9
Create log in database with appropriate dates.	20	1.000			0.700	14.00	\$56.97	\$13.2
Based on information provided, determine and verify field engineering contacts	15	1.000			0.700	10.50	\$56.97	\$9.9
Make copies for appropriate work groups and distribute	60	1.000			0.700	42.00	\$56.97	\$39.8
Act as point of contact between engineering and acct exec for any issues	75	1.000			0.700	52.50	\$56.97	\$49.8
Track and escalate as required to ensure that time frames are met	45	1.000			0.700	31.50	\$56.97	\$29.9
Subtotal - COLLOCATION PROJECT MANAEMENT CENTER - CPMC						171.50		\$162.8
-RIGHT OF WAY MANAGER								
.7 probability reflects 30% reduction to work time estimates ordered.								
OSP staff manager receives request from CPMC, forwards to state row manager	15	1.000			0.700	10.50	\$51.76	\$9.0
State ROW manager gathers easement documents, forwards back to CPMC	120	1.000			0.700	84.00	\$51.76	\$72.4
Subtotal - RIGHT OF WAY MANAGER						94.50		\$81.5
Total For Service:						266.00		\$244.3

Qwest Advice No. 3376T Page 704 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	[
						B * (C Thru F)		H * (G/60)

RIGHT-OF-WAY INQUIRY PER INQUIRY (con't)

15167 Direct Cost			\$244.36
15168			Ψ244.30
15169	Cost	Cost	
15170	Calculation	Factor	Cost
15171	В С	D	E
15172 Directly Assigned	D O		_
15172 Briedly Assigned 15173 Product Management Expense	D15173*E15167	0.040393	\$9.87
15174 Sales Expense	D15173 E15167	0.014960	\$3.66
15175 Product Advertising Expense	D15174 E15167	0.000000	\$0.00
15176 Business Fees (Other Operating Taxes)	D15176*Sum(E15167:E15175)	0.042595	\$10.98
15177 Directly Assigned Costs	Sum(E15167:E15176)	0.042333	\$24.51
15178	Outil(E13107.E13170)		Ψ24.51
15179 Total Direct Costs	E15167+E15177		\$268.87
15180	E13107+E13177		Ψ200.07
15181 Directly Attributed			
15182 Network Operations	D15182*E15179	0.056129	\$15.09
15183 Network Support Assets	D15162 E15173	0.014074	\$3.78
15184 General Support Assets	D15184*E15179	0.057904	\$15.57
15185 General Purpose Computers	D15165*E15179	0.040926	\$11.00
15186 Uncollectible	D15186*E15179	0.001136	\$0.31
15187 Accounting & Finance Expense	D15187*E15179	0.010471	\$2.82
15188 Human Resources Expense	D15167 E15173	0.009808	\$2.64
15189 Information Management Expense	D15189*E15179	0.068149	\$18.32
15190 Intangibles	D15103 E15173	0.002634	\$0.71
15191 Directly Attributed Costs	Sum(E15182:E15190)	0.002034	\$70.24
15192	Outil(E13102.E13130)		Ψ1 0.24
15193 TELRIC	E15182+E15191		\$339.11
15194			
15195 Common			
15196 Executive Expense	D15196*E15193	0.008052	\$2.73
15197 Planning Expense	D15197*E15193	0.000682	\$0.23
15198 External Relations Expense	D15198*E15193	0.009631	\$3.27
15199 Legal Expense	D15199*E15193	0.007338	\$2.49
15200 Other Procurement Expense	D15200*E15193	0.002772	\$0.94
15201 Research & Development Expense	D15201*E15193	0.000042	\$0.01
15202 Other General and Admin Expense	D15202*E15193	0.019104	\$6.48
15203 Common Costs	Sum(E15196:E15202)		\$16.15
15204			
15205 TELRIC + Common Costs	E15193+E15203		\$355.26

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Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	В	С	D	E	F	G B * (C Thru F)	Н	I H * (G/60)
RIGHT-OF-WAY DOCUMENT PREPARATION								
ADD								
-RIGHT OF WAY MANAGER .7 probability reflects 30% reduction to work time estimates ordered.	400	4 000			0.700	04.00	054.70	070.40
Prepare Quit Claim deed when requested by CLEC	120	1.000			0.700	84.00	\$51.76	\$72.46
Subtotal - RIGHT OF WAY MANAGER						84.00		\$72.46
Total For Service:						84.00	7	\$72.46

Qwest Advice No. 3376T Page 706 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	[
						B * (C Thru F)		H * (G/60)

RIGHT-OF-WAY DOCUMENT PREPARATION (con't)

15264 Sales Expense D15264*E15257 0.014960 \$1.08 15265*Product Advertising Expense D15265*E15257 0.000000 \$0.00 \$0.000000 \$0.000000 \$0.000000 \$0.000000 \$0.000000 \$0.000000 \$0.000000 \$0.000000 \$0.0000000 \$0.0000000000	15257 Direct Cost			\$72.46
15280	15258			
15262 Product Management Expense D15263*E15257 0.040303 52.93 15264 5ales Expense D15264*E15257 0.040303 52.93 15264 5ales Expense D15265*E15257 0.040303 52.93 15265 5ales Expense D15265*E15257 0.000000 50.00 52.68 0.05265 0.05265 0.000000 50.00 52.68 0.05265 0.05265 5ales	15259			
15262 Directly Assigned Dis263*E15257 0.040393 \$2.93 \$2.93 \$2.94 \$2.63 \$1.5263 \$1.5263 \$1.5267 \$0.040393 \$2.	15260	Calculation F	actor	Cost
15263 Product Management Expense D15264*E15257 0.040393 \$2.93 15264 Sales Expense D15264*E15257 0.014960 \$1.08 15265 Product Advertising Expense D15265*E15257 0.000000 \$0.00 15266 Business Fees (Other Operating Taxes) D15266*Sum(E15257:E15265) 0.042595 \$3.26 15267 D16260*Cytectly Assigned Costs Sum(E15257:E15266) 7.727 15267 D16260*Cytectly Assigned Costs Sum(E15257:E15266) 7.727 15268 T15267 T15269 7.727 15269 7.727 15270 D1620*Cytectly Astiributed T1527*Objectly Assets D1527*E15269 0.057*Objectly S1.12	15261	ВС	D	E
15264 Sales Expense D15264*E15257 0.014960 \$1.08 15265*Product Advertising Expense D15265*E15257 0.000000 \$0.00 \$0.000000 \$0.000000 \$0.000000 \$0.000000 \$0.000000 \$0.000000 \$0.000000 \$0.000000 \$0.0000000 \$0.0000000000	15262 Directly Assigned	<u></u>		
15265 Product Adventising Expense D15266'Er15257 0.000000 \$0.0	15263 Product Management Expense	D15263*E15257	0.040393	\$2.93
15266 Business Fees (Other Operating Taxes)	15264 Sales Expense	D15264*E15257	0.014960	\$1.08
15267 Directly Assigned Costs	15265 Product Advertising Expense	D15265*E15257	0.000000	\$0.00
15267 Directly Assigned Costs	15266 Business Fees (Other Operating Taxes)	D15266*Sum(E15257:E15265)	0.042595	\$3.26
15289 Total Direct Costs		Sum(E15257:E15266)		\$7.27
15270 15271 Directly Attributed	15268			
15271 Directly Attributed	15269 Total Direct Costs	E15257+E15267		\$79.73
15272 Network Operations				
15273 Network Support Assets				
15274 General Support Assets				
15275 General Purpose Computers		D15273*E15269	0.014074	
15276 Uncollectible D15276*E15269 0.001136 \$0.09 15277 Accounting & Finance Expense D15277*E15269 0.010471 \$0.83 15278 Human Resources Expense D15278*E15269 0.009808 \$0.78 15279 Information Management Expense D15279*E15269 0.008149 \$5.43 15280 Intangibles D15280*E15269 0.002634 \$0.21 15281 Directly Attributed Costs Sum(E15272:E15280) \$20.83 15282 Sum(E15272:E15280) \$20.83 15282 E15272*E15281 \$100.56 15284 Intangibles D15286*E15283 0.008652 \$0.81 15285 Common Sum(E15272:E15283 0.008652 \$0.81 15286 Executive Expense D15286*E15283 0.000682 \$0.07 15288 External Relations Expense D15288*E15283 0.000682 \$0.07 15289 Legal Expense D15288*E15283 0.000631 \$0.97 15289 Legal Expense D15289*E15283 0.007338 \$0.74 15290 Other Procurement Expense D15290*E15283 0.0007338 \$0.74 15291 Research & Development Expense D15290*E15283 0.000727 \$0.28 15292 Other General and Admin Expense D15292*E15283 0.000042 \$0.00 15293 Common Costs Sum(E15286:E15292) \$4.79 15294 Sum(E15286:E15292) \$4.79 15294 Sum(E15286:E15292) \$4.79 15294 Sum(E15286:E15292) \$4.79 15294 Sum(E15286:E15292) \$4.79 15295 Common Costs Sum(E15286:E15292) \$4.79 15296 Sum(E15286:E15292) \$4.79 15297 Sum(E15286:E15292) \$4.79 15298 Sum(E15286:E15292) \$4.79 15299 Sum(E15286:E15292) \$4.79 15299 Sum(E15286:E15292) \$4.79 15291 Sum(E15286:E15292) \$4.79 15291 Sum(E15286:E15292) \$4.79 15292 Sum(E15286:E15292) \$4.79 15293 Sum(E15286:E15292) \$4.79 15294 Sum(E15286:E15292) \$4.79 15296 Sum(E15286:E15292) \$4.79 15297 Sum(E15286:E15292) \$4.79 15298 Sum(E15286:E15292)		D15274*E15269	0.057904	\$4.62
15277 Accounting & Finance Expense D15277*E15269 0.010471 \$0.83 15278 Human Resources Expense D15278*E15269 0.009808 \$0.78 15279 Information Management Expense D15279*E15269 0.068149 \$5.43 15280 Intangibles D15280*E15269 0.002634 \$0.21 15281 Directly Attributed Costs Sum(E15272:E15280) \$20.83 15282 Sum(E15272:E15280) \$20.83 15285 Common Sum(E15272:E15281 \$100.56 15286 Executive Expense D15286*E15283 0.008052 \$0.81 15287 Planning Expense D15286*E15283 0.000682 \$0.07 15288 External Relations Expense D15288*E15283 0.009631 \$0.97 15289 Legal Expense D15289*E15283 0.009631 \$0.97 15290 Other Procurement Expense D15289*E15283 0.007338 \$0.74 15291 Research & Development Expense D15290*E15283 0.000042 \$0.00 15292 Other General and Admin Expense D15292*E15283 0.000042 \$0.00 15293 Common Costs Sum(E15286:E15292) \$4.79 15294 Common Costs Sum(E15286:E15292) \$4.79 15294 Common Costs Sum(E15286:E15292) \$4.79 15295 Common Costs Sum(E15286:E15292) \$4.79 15296 Common Costs Sum(E15286:E15292) \$4.79 15297 Common Costs Sum(E15286:E15292) \$4.79 15298 Common Costs Sum(E15286:E15292) \$4.79 15299 Common Costs Sum(E15286:E15292) \$4.79 15290 Common Costs Sum(E15286:E15292) \$4.79 15291 Common Costs Sum(E15286:E15292) \$4.79 15292 Common Costs Sum(E15286:E15292) \$4.79 15293 Common Costs Sum(E15286:E15292) \$4.79 15294 Common Costs Sum(E15286:E15292) \$4.79 15295 Common Costs Sum(E15286:E15292) \$4.79 15296 Common Costs Sum(E15286:E15292) \$4.79 15297 Common Costs Sum(E15286:E15292) \$4.79 15298 Common Costs Common Costs Common Costs Common Costs Common Costs Common Cos	15275 General Purpose Computers	D15275*E15269	0.040926	\$3.26
15278 Human Resources Expense D15278*E15269 0.009808 \$0.78 15279 Information Management Expense D15279*E15269 0.068149 \$5.43 15280 Intangibles D15280*E15269 0.002634 \$0.21 15281 Directly Attributed Costs Sum(E15272:E15280) \$20.83 15282 E15272*E15281 \$100.56 15284 E15285 Common 15286 Executive Expense D15286*E15283 0.008052 \$0.81 15287 Planning Expense D15288*E15283 0.000682 \$0.07 15288 External Relations Expense D15288*E15283 0.009631 \$0.97 15289 Legal Expense D15289*E15283 0.007338 \$0.74 15290 Other Procurement Expense D15290*E15283 0.002772 \$0.28 15291 Research & Development Expense D15291*E15283 0.000042 \$0.00 15292 Other General and Admin Expense D15292*E15283 0.019104 \$1.92 15293 Common Costs Sum(E15286:E15292) \$4.79		D15276*E15269	0.001136	\$0.09
15279 Information Management Expense D15279*E15269 0.008149 \$5.43 15280 Intangibles D15280*E15269 0.002634 \$0.21 15281 Directly Attributed Costs Sum(E15272:E15280) \$20.83 15282 Sum(E15272*E15281) \$100.56 15284 Sum(E15272*E15281 Sum(E15272*	15277 Accounting & Finance Expense	D15277*E15269	0.010471	\$0.83
15280 Intangibles D15280*E15269 0.002634 \$0.21 15281 Directly Attributed Costs Sum(E15272:E15280) \$20.83 15282 Sum(E15272*E15281) \$100.56 15284 I5283 TELRIC E15272*E15281 \$100.56 15284 I5285 Common Sum(E15283 0.008052 \$0.81 15286 Executive Expense D15286*E15283 0.008052 \$0.81 15287 Planning Expense D15287*E15283 0.000682 \$0.07 15288 External Relations Expense D15288*E15283 0.009631 \$0.97 15289 Legal Expense D15289*E15283 0.007338 \$0.74 15290 Other Procurement Expense D15290*E15283 0.0007328 15291 Research & Development Expense D15291*E15283 0.000042 \$0.00 15292 Other General and Admin Expense D15292*E15283 0.019104 \$1.92 15293 Common Costs Sum(E15286:E15292) \$4.79 15294 Common Costs Sum(E15286:E15292) \$4.79 15294 Common Costs Sum(E15286:E15292) \$4.79 15295 Common Costs	15278 Human Resources Expense	D15278*E15269	0.009808	\$0.78
15281	15279 Information Management Expense	D15279*E15269	0.068149	\$5.43
15282 15283 TELRIC E15272+E15281 \$100.56 15284 15285 Common 0.008052 \$0.81 15286 Executive Expense D15286*E15283 0.008052 \$0.81 15287 Planning Expense D15287*E15283 0.000682 \$0.07 15288 External Relations Expense D15288*E15283 0.009631 \$0.97 15289 Legal Expense D15289*E15283 0.007338 \$0.74 15290 Other Procurement Expense D15290*E15283 0.002772 \$0.28 15291 Research & Development Expense D15291*E15283 0.000042 \$0.00 15292 Other General and Admin Expense D15292*E15283 0.019104 \$1.92 15293 Common Costs Sum(E15286:E15292) \$4.79	15280 Intangibles	D15280*E15269	0.002634	\$0.21
15283 TELRIC E15272+E15281 \$100.56 15284 15285 Common \$0.008052 \$0.81 15286 Executive Expense \$0.008052 \$0.81 15287 Planning Expense \$0.000682 \$0.07 15288 External Relations Expense \$0.009631 \$0.97 15289 Legal Expense \$0.009631 \$0.97 15290 Other Procurement Expense \$0.007338 \$0.74 15291 Research & Development Expense \$0.5290*E15283 \$0.002772 \$0.28 15292 Other General and Admin Expense \$0.000042 \$0.00 15293 Common Costs \$um(E15286:E15292) \$4.79 15294	15281 Directly Attributed Costs	Sum(E15272:E15280)		\$20.83
15284 15285 Common 15286 Executive Expense D15286*E15283 0.008052 \$0.81 15287 Planning Expense D15287*E15283 0.000682 \$0.07 15288 External Relations Expense D15288*E15283 0.009631 \$0.97 15289 Legal Expense D15289*E15283 0.007338 \$0.74 15290 Other Procurement Expense D15290*E15283 0.002772 \$0.28 15291 Research & Development Expense D15291*E15283 0.000042 \$0.00 15292 Other General and Admin Expense D15292*E15283 0.019104 \$1.92 15293 Common Costs Sum(E15286:E15292) \$4.79				
15285 Common 15286 Executive Expense D15286*E15283 0.008052 \$0.81 15287 Planning Expense D15287*E15283 0.000682 \$0.07 15288 External Relations Expense D15288*E15283 0.009631 \$0.97 15290 Legal Expense D15289*E15283 0.007338 \$0.74 15290 Other Procurement Expense D15290*E15283 0.002772 \$0.28 15291 Research & Development Expense D15291*E15283 0.000042 \$0.00 15292 Other General and Admin Expense D15292*E15283 0.019104 \$1.92 15293 Common Costs Sum(E15286:E15292) \$4.79		E15272+E15281		\$100.56
15286 Executive Expense D15286*E15283 0.008052 \$0.81 15287 Planning Expense D15287*E15283 0.000682 \$0.07 15288 External Relations Expense D15288*E15283 0.009631 \$0.97 15289 Legal Expense D15289*E15283 0.007338 \$0.74 15290 Other Procurement Expense D15290*E15283 0.002772 \$0.28 15291 Research & Development Expense D15291*E15283 0.000042 \$0.00 15292 Other General and Admin Expense D15292*E15283 0.019104 \$1.92 15293 Common Costs Sum(E15286:E15292) \$4.79 15294				
15287 Planning Expense D15287*E15283 0.000682 \$0.07 15288 External Relations Expense D15288*E15283 0.009631 \$0.97 15289 Legal Expense D15289*E15283 0.007338 \$0.74 15290 Other Procurement Expense D15290*E15283 0.002772 \$0.28 15291 Research & Development Expense D15291*E15283 0.000042 \$0.00 15292 Other General and Admin Expense D15292*E15283 0.019104 \$1.92 15293 Common Costs Sum(E15286:E15292) \$4.79 15294				
15288 External Relations Expense D15288*E15283 0.009631 \$0.97 15289 Legal Expense D15289*E15283 0.007338 \$0.74 15290 Other Procurement Expense D15290*E15283 0.002772 \$0.28 15291 Research & Development Expense D15291*E15283 0.000042 \$0.00 15292 Other General and Admin Expense D15292*E15283 0.019104 \$1.92 15293 Common Costs Sum(E15286:E15292) \$4.79 15294				
15289 Legal Expense D15289*E15283 0.007338 \$0.74 15290 Other Procurement Expense D15290*E15283 0.002772 \$0.28 15291 Research & Development Expense D15291*E15283 0.000042 \$0.00 15292 Other General and Admin Expense D15292*E15283 0.019104 \$1.92 15293 Common Costs Sum(E15286:E15292) \$4.79 15294				
15290 Other Procurement Expense D15290*E15283 0.002772 \$0.28 15291 Research & Development Expense D15291*E15283 0.00042 \$0.00 15292 Other General and Admin Expense D15292*E15283 0.019104 \$1.92 15293 Common Costs Sum(E15286:E15292) \$4.79 15294				
15291 Research & Development Expense D15291*E15283 0.000042 \$0.00 15292 Other General and Admin Expense D15292*E15283 0.019104 \$1.92 15293 Common Costs Sum(E15286:E15292) \$4.79 15294				
15292 Other General and Admin Expense D15292*E15283 0.019104 \$1.92 15293 Common Costs Sum(E15286:E15292) \$4.79 15294				
15293 Common Costs Sum(E15286:E15292) \$4.79 15294				\$0.00
15294			0.019104	
		Sum(E15286:E15292)		\$4.79
15295 TELRIC + Common Costs E15283+E15293 \$105.35			· · · · · · · · · · · · · · · · · · ·	
	15295 TELRIC + Common Costs	E15283+E15293		\$105.35

Qwest Advice No. 3376T Page 707 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	B	C	D	E	F	G	H	I
						B * (C Thru F)		H * (G/60)
UPS CUSTOMER CHANNEL AND SHARED DISTRIBUTION LOOP INSTALL - MECHANIZED								
<u>*ADD*</u>								
-INTERCONNECT SERVICE CENTER (ICS)								
Time estimate(s) ordered by commission staff.								
Process order	6	1.000				6.00	\$40.03	\$4.00
Subtotal - INTERCONNECT SERVICE CENTER (ICS)						6.00		\$4.00
-LRAC								
.20 & .05 'Probabilities are % manual work required.								
.70 probability reflects 30% reduction to work time estimates ordered	0	0.000	0.700			0.00	#07.70	CO 40
Screen order Load work request tech load system	2 2	0.200 0.200	0.700 0.700			0.28 0.28	\$37.78 \$37.78	\$0.18 \$0.18
Close out order with tech	3	0.050	0.700			0.20	\$37.78	\$0.07
Territoria de la companya della companya della companya de la companya della comp								
Subtotal - LRAC						0.67		\$0.42
-INSTALLATION/FIELD TECHNICIAN								
.70 probability reflects 30% reduction to work time estimates ordered								
Travel time	21	0.700				14.70	\$42.68	\$10.46
Service Area Interface/field connection point work activity. Testing and turn up.	15 5	0.700 0.700				10.50 3.50	\$42.68 \$42.68	\$7.47 \$2.49
Close order in field access system/ WFADO	3	0.700				2.10	\$42.68	\$2.49 \$1.49
,							*	•
Subtotal - INSTALLATION/FIELD TECHNICIAN						30.80		\$21.91
-ENTERPRISE - NOC (NETWORK OPERATIONS CENTER)								
.10 probability 10% of orders require translations								
.70 probability reflects 30% reduction to work time estimates ordered								
Translations	25	0.100	0.700			1.75	\$41.45	\$1.21
RADSL Service act and testing	10	0.100	0.700			0.70	\$41.45	\$0.48
Subtotal - ENTERPRISE - NOC (NETWORK OPERATIONS CENTER)						2.45		\$1.69
Total For Service:						39.92		\$28.02
1.5500.1.551.551.551						55.02		Ţ=5.0 2

Qwest Advice No. 3376T Page 708 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	[
						B * (C Thru F)		H * (G/60)

UPS CUSTOMER CHANNEL AND SHARED DISTRIBUTION LOOP INSTALL - MECHANIZED (con't)

15347 Direct Cost			\$28.02
15348			
15349	Cost	Cost	
15350	Calculation	Factor	Cost
15351	ВС	D	E
15352 Directly Assigned			
15353 Product Management Expense	D15353*E15347	0.040393	\$1.13
15354 Sales Expense	D15354*E15347	0.014960	\$0.42
15355 Product Advertising Expense	D15355*E15347	0.000000	\$0.00
15356 Business Fees (Other Operating Taxes)	D15356*Sum(E15347:E15355)	0.042595	<u>\$1.26</u>
15357 Directly Assigned Costs	Sum(E15347:E15356)		\$2.81
15358			
15359 Total Direct Costs	E15347+E15357		\$30.83
15360			
15361 Directly Attributed			A. =0
15362 Network Operations	D15362*E15359	0.056129	\$1.73
15363 Network Support Assets	D15363*E15359	0.014074	\$0.43
15364 General Support Assets	D15364*E15359	0.057904	\$1.79
15365 General Purpose Computers	D15365*E15359	0.040926	\$1.26
15366 Uncollectible	D15366*E15359	0.001136	\$0.04
15367 Accounting & Finance Expense	D15367*E15359	0.010471	\$0.32
15368 Human Resources Expense	D15368*E15359	0.009808	\$0.30
15369 Information Management Expense	D15369*E15359	0.068149	\$2.10
15370 Intangibles	D15370*E15359	0.002634	\$0.08
15371 Directly Attributed Costs 15372	Sum(E15362:E15370)		\$8.05
15372 15373 TELRIC	E15362+E15371		\$38.89
15374	E10002+E10071		ψ50.05
15375 Common			
15376 Executive Expense	D15376*E15373	0.008052	\$0.31
15377 Planning Expense	D15377*E15373	0.000682	\$0.03
15378 External Relations Expense	D15378*E15373	0.009631	\$0.37
15379 Legal Expense	D15379*E15373	0.007338	\$0.29
15380 Other Procurement Expense	D15380*E15373	0.002772	\$0.11
15381 Research & Development Expense	D15381*E15373	0.000042	\$0.00
15382 Other General and Admin Expense	D15382*E15373	0.019104	\$0.74
15383 Common Costs	Sum(E15376:E15382)		\$1.85
15384			•
15385 TELRIC + Common Costs	E15373+E15383		\$40.74

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Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G B * (C Thru F)	Н	I H * (G/60)
PS CUSTOMER CHANNEL AND SHARED DISTRIBUTION LOOP INSTALL - MANUAL								
<u>\DD*</u>								
NTERCONNECT SERVICE CENTER (ICS)								
NO MANUAL ISC TIMES PREVIOUSLY FILED IN THIS DOCKET, THEREFORE, CURRENT QWEST ISC TIMES APPLIED.								
.70 probability reflects 30% reduction to work time estimates ordered								
Verify all required fields are filled in and populated correctly for Local Service Request (LSR)	3	0.700				2.10	\$39.16	\$1
Call CLEC, Inform LSR is in process of being worked	2	0.700				1.40	\$39.16	\$0
Exchange Information - Obtain CO name, address, office type	2	0.700				1.40	\$39.16	\$0
Look up billing USOC's for co-provider	5	0.700				3.50	\$39.16	\$2
Resale Summary List - Look up billing telephone number, tax code, and BAPC	2	0.700				1.40	\$39.16	\$0
Using Swift/SOP, Issue orders	10 2	0.700				7.00	\$39.16	\$4
IMA-FOC (Firm Order Confirmation) to CLEC CRM-Populate required fields	3	0.700 0.700				1.40 2.10	\$39.16 \$39.16	\$0 \$1
SOAC ensure at least 2 successes	3	0.700				4.20	\$39.16	\$1 \$2
SOP-Ensure PD or RL, File in drawer	2	0.700				1.40	\$39.16	\$0
ESOI's-Generated from Loop Provisioning Center	5	0.700				3.50	\$39.16	\$2
Call Handling, Follow up calls from Implementors, LPC, etc.	5	0.700				3.50	\$39.16	\$2.
ubtotal - INTERCONNECT SERVICE CENTER (ICS)						32.90		\$21
RAC								
.20 & .05 probabilities are % manual work required.								
.70 probability reflects 30% reduction to work time estimates ordered								
Screen order	2	0.200	0.700			0.28	\$37.78	\$0.
Load work request tech load system	2	0.200	0.700			0.28	\$37.78	\$0
Close out order with tech	3	0.050	0.700			0.11	\$37.78	\$0
ubtotal - LRAC						0.67		\$0.
NSTALLATION/FIELD TECHNICIAN								
.70 probability reflects 30% reduction to work time estimates ordered								
Travel time	21	0.700				14.70	\$42.68	\$10
Service Area Interface/field connection point work activity.	15	0.700				10.50	\$42.68	\$7
Testing and turn up.	5	0.700				3.50	\$42.68	\$2
Close order in field access system/ WFADO	3	0.700				2.10	\$42.68	\$1.
ubtotal - INSTALLATION/FIELD TECHNICIAN						30.80		\$21.

⁻ENTERPRISE - NOC (NETWORK OPERATIONS CENTER)
.10 probabilities 10% of orders require translations
.70 probability reflects 30% reduction to work time estimates ordered

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Study Name: PART D FINAL ORDER NRC STUDY 7246 B Study Year: 2001

Analyst: Deffley/Eoriatti
Product Group: Interconnection

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	
						B * (C Thru F)		H * (G/60)
UPS CUSTOMER CHANNEL AND SHARED DISTRIBUTION LOOP INSTALL - MANUAL (con't)								
Translations	25	0.100	0.700			1.75	\$41.45	\$1.21
RADSL Service act and testing	10	0.100	0.700			0.70	\$41.45	\$0.48
Subtotal - ENTERPRISE - NOC (NETWORK OPERATIONS CENTER)						2.45		\$1.69
Total For Service:						66.82		\$45.49

Qwest Advice No. 3376T Page 711 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	
						B * (C Thru F)		H * (G/60)

UPS CUSTOMER CHANNEL AND SHARED DISTRIBUTION LOOP INSTALL - MANUAL (con't)

15482 Direct Cost			\$45.49
15483			
15484	Cost	Cost	
15485	Calculation	Factor	Cost
15486	ВС	D	E
15487 Directly Assigned			
15488 Product Management Expense	D15488*E15482	0.040393	\$1.84
15489 Sales Expense	D15489*E15482	0.014960	\$0.68
15490 Product Advertising Expense	D15490*E15482	0.000000	\$0.00
15491 Business Fees (Other Operating Taxes)	D15491*Sum(E15482:E15490)	0.042595	\$2.05
15492 Directly Assigned Costs	Sum(E15482:E15491)		\$4.56
15493			
15494 Total Direct Costs	E15482+E15492		\$50.06
15495			
15496 Directly Attributed			
15497 Network Operations	D15497*E15494	0.056129	\$2.81
15498 Network Support Assets	D15498*E15494	0.014074	\$0.70
15499 General Support Assets	D15499*E15494	0.057904	\$2.90
15500 General Purpose Computers	D15500*E15494	0.040926	\$2.05
15501 Uncollectible	D15501*E15494	0.001136	\$0.06
15502 Accounting & Finance Expense	D15502*E15494	0.010471	\$0.52
15503 Human Resources Expense	D15503*E15494	0.009808	\$0.49
15504 Information Management Expense	D15504*E15494	0.068149	\$3.4
15505 Intangibles	D15505*E15494	0.002634	\$0.13
15506 Directly Attributed Costs	Sum(E15497:E15505)		\$13.08
15507			
15508 TELRIC	E15497+E15506		\$63.13
15509			
15510 Common			
15511 Executive Expense	D15511*E15508	0.008052	\$0.5
15512 Planning Expense	D15512*E15508	0.000682	\$0.04
15513 External Relations Expense	D15513*E15508	0.009631	\$0.6
15514 Legal Expense	D15514*E15508	0.007338	\$0.46
15515 Other Procurement Expense	D15515*E15508	0.002772	\$0.18
15516 Research & Development Expense	D15516*E15508	0.000042	\$0.00
15517 Other General and Admin Expense	D15517*E15508	0.019104	\$1.2
15518 Common Costs	Sum(E15511:E15517)		\$3.01
15519			
15520 TELRIC + Common Costs	E15508+E15518		\$66.14

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Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G B * (C Thru F)	Н	I H * (G/60)
UPS CUSTOMER CHANNEL AND SHARED DISTRIBUTION LOOP DISCONNECT - MECHANIZED								
DISCONNECT								
-INTERCONNECT SERVICE CENTER (ICS)								
Time estimate(s) ordered by commission staff. Process order	6	1.000				6.00	\$40.03	\$4.00
Process order	0	1.000				0.00	φ40.03	\$4.00
Subtotal - INTERCONNECT SERVICE CENTER (ICS)						6.00		\$4.0
-ENTERPRISE - NOC (NETWORK OPERATIONS CENTER) .10 probability 10% of orders require translations								
.70 probability reflects 30% reduction to work time estimates ordered								
Translations	25	0.100	0.700			1.75	\$41.45	\$1.2
Subtotal - ENTERPRISE - NOC (NETWORK OPERATIONS CENTER)						1.75		\$1.2
Total For Service:						7.75		\$5.21

Qwest Advice No. 3376T Page 713 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G	Н	
						B * (C Thru F)		H * (G/60)

UPS CUSTOMER CHANNEL AND SHARED DISTRIBUTION LOOP DISCONNECT - MECHANIZED (con't)

15572 Direct Cost			\$5.21
15573			
15574	Cost	Cost	
15575	Calculation	Factor	Cost
15576	ВС	D	E
15577 Directly Assigned			
15578 Product Management Expense	D15578*E15572	0.040393	\$0.21
15579 Sales Expense	D15579*E15572	0.014960	\$0.08
15580 Product Advertising Expense	D15580*E15572	0.000000	\$0.00
15581 Business Fees (Other Operating Taxes)	D15581*Sum(E15572:E15580)	0.042595	\$0.23
15582 Directly Assigned Costs	Sum(E15572:E15581)		\$0.52
15583			'
15584 Total Direct Costs	E15572+E15582		\$5.73
15585			
15586 Directly Attributed			
15587 Network Operations	D15587*E15584	0.056129	\$0.32
15588 Network Support Assets	D15588*E15584	0.014074	\$0.08
15589 General Support Assets	D15589*E15584	0.057904	\$0.33
15590 General Purpose Computers	D15590*E15584	0.040926	\$0.23
15591 Uncollectible	D15591*E15584	0.001136	\$0.01
15592 Accounting & Finance Expense	D15592*E15584	0.010471	\$0.06
15593 Human Resources Expense	D15593*E15584	0.009808	\$0.06
15594 Information Management Expense	D15594*E15584	0.068149	\$0.39
15595 Intangibles	D15595*E15584	0.002634	\$0.02
15596 Directly Attributed Costs	Sum(E15587:E15595)		\$1.50
15597			•
15598 TELRIC	E15587+E15596		\$7.23
15599			
15600 Common			
15601 Executive Expense	D15601*E15598	0.008052	\$0.06
15602 Planning Expense	D15602*E15598	0.000682	\$0.00
15603 External Relations Expense	D15603*E15598	0.009631	\$0.07
15604 Legal Expense	D15604*E15598	0.007338	\$0.05
15605 Other Procurement Expense	D15605*E15598	0.002772	\$0.02
15606 Research & Development Expense	D15606*E15598	0.000042	\$0.00
15607 Other General and Admin Expense	D15607*E15598	0.019104	\$0.14
15608 Common Costs	Sum(E15601:E15607)		\$0.34
15609			
15610 TELRIC + Common Costs	E15598+E15608		\$7.58

Qwest Advice No. 3376T Page 714 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	В	C	D	E E	F	G	H	I
						B * (C Thru F)		H * (G/60)
UPS CUSTOMER CHANNEL AND SHARED DISTRIBUTION LOOP DISCONNECT - MANUAL								
DISCONNECT								
-INTERCONNECT SERVICE CENTER (ICS)								
NO MANUAL ISC TIMES PREVIOUSLY FILED IN THIS DOCKET, THEREFORE,								
CURRENT QWEST ISC TIMES APPLIED.								
.70 probability reflects 30% reduction to work time estimates ordered	•	0.700				0.40	# 00.40	#4.07
Verify all required fields are filled in and populated correctly for Local Service Request (LSR)	3	0.700				2.10	\$39.16	\$1.37
Call CLEC, Inform LSR is in process of being worked Using Swift/SOP, Issue orders	10	0.700 0.700				1.40 7.00	\$39.16 \$39.16	\$0.91 \$4.57
IMA-FOC (Firm Order Confirmation) to CLEC	2	0.700				1.40	\$39.16	\$0.91
CRM-Populate required fields	3	0.700				2.10	\$39.16	\$1.37
SOAC ensure at least 2 successes	6	0.700				4.20	\$39.16	\$2.74
SOP-Ensure PD or RL, File in drawer	2	0.700				1.40	\$39.16	\$0.91
Subtotal - INTERCONNECT SERVICE CENTER (ICS)						19.60		\$12.79
ENTERPRISE NOC (NETWORK OPERATIONS CENTER)								_
-ENTERPRISE - NOC (NETWORK OPERATIONS CENTER) .10 probability 10% of orders require translations								
.70 probability reflects 30% reduction to work time estimates ordered								
Translations	25	0.100	0.700			1.75	\$41.45	\$1.21
								A4
Subtotal - ENTERPRISE - NOC (NETWORK OPERATIONS CENTER)						1.75		\$1.21
Total For Service:						21.35		\$14.00
								¥

Qwest Advice No. 3376T Page 715 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G	Н	
						B * (C Thru F)		H * (G/60)

UPS CUSTOMER CHANNEL AND SHARED DISTRIBUTION LOOP DISCONNECT - MANUAL (con't)

15662 Direct Cost			\$14.00
15663			
15664	Cost	Cost	
15665	Calculation	Factor	Cost
15666	ВС	D	Е
15667 Directly Assigned			
15668 Product Management Expense	D15668*E15662	0.040393	\$0.57
15669 Sales Expense	D15669*E15662	0.014960	\$0.21
15670 Product Advertising Expense	D15670*E15662	0.000000	\$0.00
15671 Business Fees (Other Operating Taxes)	D15671*Sum(E15662:E15670)	0.042595	\$0.63
15672 Directly Assigned Costs	Sum(E15662:E15671)		\$1.40
15673			
15674 Total Direct Costs	E15662+E15672		\$15.41
15675			
15676 Directly Attributed			
15677 Network Operations	D15677*E15674	0.056129	\$0.86
15678 Network Support Assets	D15678*E15674	0.014074	\$0.22
15679 General Support Assets	D15679*E15674	0.057904	\$0.89
15680 General Purpose Computers	D15680*E15674	0.040926	\$0.63
15681 Uncollectible	D15681*E15674	0.001136	\$0.02
15682 Accounting & Finance Expense	D15682*E15674	0.010471	\$0.16
15683 Human Resources Expense	D15683*E15674	0.009808	\$0.15
15684 Information Management Expense	D15684*E15674	0.068149	\$1.05
15685 Intangibles	D15685*E15674	0.002634	\$0.04
15686 Directly Attributed Costs	Sum(E15677:E15685)		\$4.02
15687			
15688 TELRIC	E15677+E15686		\$19.43
15689			
15690 Common			_
15691 Executive Expense	D15691*E15688	0.008052	\$0.16
15692 Planning Expense	D15692*E15688	0.000682	\$0.01
15693 External Relations Expense	D15693*E15688	0.009631	\$0.19
15694 Legal Expense	D15694*E15688	0.007338	\$0.14
15695 Other Procurement Expense	D15695*E15688	0.002772	\$0.05
15696 Research & Development Expense	D15696*E15688	0.000042	\$0.00
15697 Other General and Admin Expense	D15697*E15688	0.019104	\$0.37
15698 Common Costs	Sum(E15691:E15697)		\$0.93
15699			
15700 TELRIC + Common Costs	E15688+E15698		\$20.36

Qwest Advice No. 3376T Page 716 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B Study Year: 2001

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G E	Н	
						B * (C Thru F)		H * (G/60)
UPS CUSTOMER CHANNEL AND UNBUNDLED DISTRIBUTION SUBLOOP INSTALL- MECHANIZED								
ADD								
-INTERCONNECT SERVICE CENTER (ICS)								
Time estimate(s) ordered by commission staff.								
Process order	6	1.000				6.00	\$40.03	\$4.00
							·	
Subtotal - INTERCONNECT SERVICE CENTER (ICS)						6.00		\$4.00
-LRAC								
.20 & .05 probability are % manual work required.								
.70 probability reflects 30% reduction to work time estimates ordered								
Screen order	2	0.200	0.700			0.28	\$37.78	\$0.18
Load work request/tech load system	2	0.200	0.700			0.28	\$37.78	\$0.18
Close out order with tech	3	0.050	0.700			0.11	\$37.78	\$0.07
Subtotal - LRAC						0.67		\$0.42
-INSTALLATION/FIELD TECHNICIAN								
.70 probability reflects 30% reduction to work time estimates ordered								
Travel time	21	1.000	0.700			14.70	\$42.68	\$10.46
Service Area Interface/field connection point work activity.	13	1.000	0.700			9.10	\$42.68	\$6.47
0.3 PROBABILITY IS PERCENT OF TIME NEW SERVICE WILL BE ORDERED REQUIRING W	ORK AT PREM	MISES					•	* -
Perform premises work activities	35	0.300	0.700			7.35	\$42.68	\$5.23
Testing and turn up.	20	0.300	0.700			4.20	\$42.68	\$2.99
Close order in field access system/ WFADO	3	1.000	0.700			2.10	\$42.68	\$1.49
Subtotal - INSTALLATION/FIELD TECHNICIAN						37.45		\$26.64
SUBIOIAI - INSTALLATION/FIELD TECHNICIAN						37.43		\$20.04
-ENTERPRISE - NOC (NETWORK OPERATIONS CENTER)								
.10 probability 10% of orders require translations								
.70 probability reflects 30% reduction to work time estimates ordered								_
Translations	25	0.100	0.700			1.75	\$41.45	\$1.21
RADSL Service act and testing	10	0.100	0.700			0.70	\$41.45	\$0.48
Subtotal - ENTERPRISE - NOC (NETWORK OPERATIONS CENTER)						2.45		\$1.69
Tatal Fac Comiton						46.57		630 7E
Total For Service:						40.57		\$32.75

Qwest Advice No. 3376T Page 717 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G	Н	
						B * (C Thru F)		H * (G/60)

UPS CUSTOMER CHANNEL AND UNBUNDLED DISTRIBUTION SUBLOOP INSTALL- MECHANIZED (con't)

15752 Direct Cost			\$32.75
15753			
15754	Cost	Cost	
15755	Calculation	Factor	Cost
15756	ВС	D	E
15757 Directly Assigned			
15758 Product Management Expense	D15758*E15752	0.040393	\$1.32
15759 Sales Expense	D15759*E15752	0.014960	\$0.49
15760 Product Advertising Expense	D15760*E15752	0.000000	\$0.00
15761 Business Fees (Other Operating Taxes)	D15761*Sum(E15752:E15760)	0.042595	\$1.47
15762 Directly Assigned Costs	Sum(E15752:E15761)		\$3.29
15763			
15764 Total Direct Costs	E15752+E15762		\$36.04
15765			•
15766 Directly Attributed			
15767 Network Operations	D15767*E15764	0.056129	\$2.02
15768 Network Support Assets	D15768*E15764	0.014074	\$0.51
15769 General Support Assets	D15769*E15764	0.057904	\$2.09
15770 General Purpose Computers	D15770*E15764	0.040926	\$1.47
15771 Uncollectible	D15771*E15764	0.001136	\$0.04
15772 Accounting & Finance Expense	D15772*E15764	0.010471	\$0.38
15773 Human Resources Expense	D15773*E15764	0.009808	\$0.35
15774 Information Management Expense	D15774*E15764	0.068149	\$2.46
15775 Intangibles	D15775*E15764	0.002634	\$0.09
15776 Directly Attributed Costs	Sum(E15767:E15775)		\$9.41
15777			
15778 TELRIC	E15767+E15776		\$45.45
15779			
15780 Common			
15781 Executive Expense	D15781*E15778	0.008052	\$0.37
15782 Planning Expense	D15782*E15778	0.000682	\$0.03
15783 External Relations Expense	D15783*E15778	0.009631	\$0.44
15784 Legal Expense	D15784*E15778	0.007338	\$0.33
15785 Other Procurement Expense	D15785*E15778	0.002772	\$0.13
15786 Research & Development Expense	D15786*E15778	0.000042	\$0.00
15787 Other General and Admin Expense	D15787*E15778	0.019104	\$0.87
15788 Common Costs	Sum(E15781:E15787)		\$2.16
15789			
15790 TELRIC + Common Costs	E15778+E15788		\$47.62

Qwest Advice No. 3376T Page 718 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G B * (C Thru F)	Н	I H * (G/60)
PS CUSTOMER CHANNEL AND UNBUNDLED DISTRIBUTION SUBLOOP INSTALL- MANUAL								
ADD*								
NTERCONNECT SERVICE CENTER (ICS)								
NO MANUAL ISC TIMES PREVIOUSLY FILED IN THIS DOCKET, THEREFORE, CURRENT QWEST ISC TIMES APPLIED.								
.70 probability reflects 30% reduction to work time estimates ordered								
Verify all required fields are filled in and populated correctly for Local Service Request (LSR)	3	0.700				2.10	\$39.16	\$1
Call CLEC, Inform LSR is in process of being worked	2	0.700				1.40	\$39.16	\$0
Exchange Information - Obtain CO name, address, office type	2	0.700				1.40	\$39.16	\$0
Look up billing USOC's for co-provider	5	0.700				3.50	\$39.16	\$2
Resale Summary List - Look up billing telephone number, tax code, and BAPC	2	0.700				1.40	\$39.16	\$0
Using Swift/SOP, Issue orders	10	0.700				7.00	\$39.16	\$4
IMA-FOC (Firm Order Confirmation) to CLEC CRM-Populate required fields	2	0.700 0.700				1.40 2.10	\$39.16 \$39.16	\$0 \$1
SOAC ensure at least 2 successes	3	0.700				4.20	\$39.16 \$39.16	\$1 \$2
SOP-Ensure PD or RL, File in drawer	0	0.700				1.40	\$39.16	\$2 \$0
ESOI's-Generated from Loop Provisioning Center	5	0.700				3.50	\$39.16	\$0 \$2
Call Handling, Follow up calls from Implementors, LPC, etc.	5	0.700				3.50	\$39.16	\$2.
ubtotal - INTERCONNECT SERVICE CENTER (ICS)						32.90		\$21.
<u>.RAC</u> .20 & .05 probability are % manual work required. Reciprocal is mechanization rate.								
.70 probability reflects 30% reduction to work time estimates ordered								
Screen order	2	0.200	0.700			0.28	\$37.78	\$0
Load work request/tech load system	2	0.200	0.700			0.28	\$37.78	\$0 \$0
Close out order with tech	3	0.050	0.700			0.11	\$37.78	\$0 \$0
ubtotal - LRAC						0.67		\$0.
NSTALLATION/FIELD TECHNICIAN								·
.70 probability reflects 30% reduction to work time estimates ordered								
Travel time	21	1.000	0.700			14.70	\$42.68	\$10
Service Area Interface/field connection point work activity.	13	1.000	0.700			9.10	\$42.68	\$6
			2 30			30	+	40
0.3 PROBABILITY IS PERCENT OF TIME NEW SERVICE WILL BE ORDERED REQUIRING W			0.700			7.35	\$42.68	\$5
0.3 PROBABILITY IS PERCENT OF TIME NEW SERVICE WILL BE ORDERED REQUIRING W	35	0.300	0.700					
0.3 PROBABILITY IS PERCENT OF TiME NEW SERVICE WILL BE ORDERED REQUIRING W Perform premises work activities	35 20	0.300 0.300	0.700			4.20	\$42.68	\$2
0.3 PROBABILITY IS PERCENT OF TIME NEW SERVICE WILL BE ORDERED REQUIRING W						4.20 2.10	\$42.68 \$42.68	\$2 \$1

-ENTERPRISE - NOC (NETWORK OPERATIONS CENTER)

Qwest Advice No. 3376T Page 719 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B Study Year: 2001

Analyst: Deffley/Eoriatti
Product Group: Interconnection

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	
						B * (C Thru F)		H * (G/60)
UPS CUSTOMER CHANNEL AND UNBUNDLED DISTRIBUTION SUBLOOP INSTALL- MANUAL (C	on't)							
Prob #1 = 10% of orders require translations								
.70 probability reflects 30% reduction to work time estimates ordered								
Translations	25	0.100	0.700			1.75	\$41.45	\$1.21
RADSL Service act and testing	10	0.100	0.700			0.70	\$41.45	\$0.48
Subtotal - ENTERPRISE - NOC (NETWORK OPERATIONS CENTER)						2.45		\$1.69

Qwest Advice No. 3376T Page 720 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	[
						B * (C Thru F)		H * (G/60)

UPS CUSTOMER CHANNEL AND UNBUNDLED DISTRIBUTION SUBLOOP INSTALL- MANUAL (con't)

15888 15889 15890 15891 15892 <i>Directly Assigned</i> 15893 Product Management Expense	Cost Calculation B C D15893*E15887 D15894*E15887 D15895*E15887	Cost Factor D 0.040393 0.014960	Cost E
15890 15891 15892 <i>Directly Assigned</i>	Calculation B C D15893*E15887 D15894*E15887 D15895*E15887	D 0.040393	E
15891 15892 <i>Directly Assigned</i>	B C D15893*E15887 D15894*E15887 D15895*E15887	D 0.040393	E
15892 Directly Assigned	D15893*E15887 D15894*E15887 D15895*E15887	0.040393	
, ,	D15894*E15887 D15895*E15887		\$2.03
15893 Product Management Expense	D15894*E15887 D15895*E15887		\$2.03
	D15895*E15887	0.014960	
15894 Sales Expense		0.014300	\$0.75
15895 Product Advertising Expense		0.000000	\$0.00
15896 Business Fees (Other Operating Taxes)	D15896*Sum(E15887:E15895)	0.042595	\$2.26
15897 Directly Assigned Costs	Sum(E15887:E15896)		\$5.04
15898	· · · · · · · · · · · · · · · · · · ·		
15899 Total Direct Costs	E15887+E15897		\$55.26
15900			
15901 Directly Attributed			
15902 Network Operations	D15902*E15899	0.056129	\$3.10
15903 Network Support Assets	D15903*E15899	0.014074	\$0.78
15904 General Support Assets	D15904*E15899	0.057904	\$3.20
15905 General Purpose Computers	D15905*E15899	0.040926	\$2.26
15906 Uncollectible	D15906*E15899	0.001136	\$0.06
15907 Accounting & Finance Expense	D15907*E15899	0.010471	\$0.58
15908 Human Resources Expense	D15908*E15899	0.009808	\$0.54
15909 Information Management Expense	D15909*E15899	0.068149	\$3.77
15910 Intangibles	D15910*E15899	0.002634	\$0.15
15911 Directly Attributed Costs	Sum(E15902:E15910)		\$14.44
15912	,		
15913 TELRIC	E15902+E15911		\$69.70
15914			
15915 Common			
15916 Executive Expense	D15916*E15913	0.008052	\$0.56
15917 Planning Expense	D15917*E15913	0.000682	\$0.05
15918 External Relations Expense	D15918*E15913	0.009631	\$0.67
15919 Legal Expense	D15919*E15913	0.007338	\$0.51
15920 Other Procurement Expense	D15920*E15913	0.002772	\$0.19
15921 Research & Development Expense	D15921*E15913	0.000042	\$0.00
15922 Other General and Admin Expense	D15922*E15913	0.019104	\$1.33
15923 Common Costs	Sum(E15916:E15922)		\$3.32
15924			
15925 TELRIC + Common Costs	E15913+E15923		\$73.02

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Study Name: PART D FINAL ORDER NRC STUDY 7246 B Study Year: 2001

Analyst: Deffley/Eoriatti

Product Group: Interconnection

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	В	С	D	E	F	G B * (C Thru F)	Н	I H * (G/60)
UPS CUSTOMER CHANNEL AND UNBUNDLED DISTRIBUTION SUBLOOP DISCONNECT- ME	CHANIZED							
DISCONNECT								
-INTERCONNECT SERVICE CENTER (ICS) Time estimate(s) ordered by commission staff.								
Process order	6	1.000				6.00	\$40.03	\$4.00
Subtotal - INTERCONNECT SERVICE CENTER (ICS)						6.00		\$4.00
-ENTERPRISE - NOC (NETWORK OPERATIONS CENTER)								
.10 probability 10% of orders require translations .70 probability reflects 30% reduction to work time estimates ordered								
Translations	25	0.100	0.700			1.75	\$41.45	\$1.21
Subtotal - ENTERPRISE - NOC (NETWORK OPERATIONS CENTER)						1.75		\$1.21
Total For Service:						7.75		\$5.21

Qwest Advice No. 3376T Page 722 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G	Н	
						B * (C Thru F)		H * (G/60)

UPS CUSTOMER CHANNEL AND UNBUNDLED DISTRIBUTION SUBLOOP DISCONNECT- MECHANIZED (con't)

15977 Direct Cost			\$5.21
15978			
15979	Cost	Cost	
15980	Calculation	Factor	Cost
15981	ВС	D	E
15982 Directly Assigned			
15983 Product Management Expense	D15983*E15977	0.040393	\$0.21
15984 Sales Expense	D15984*E15977	0.014960	\$0.08
15985 Product Advertising Expense	D15985*E15977	0.000000	\$0.00
15986 Business Fees (Other Operating Taxes)	D15986*Sum(E15977:E15985)	0.042595	\$0.23
15987 Directly Assigned Costs	Sum(E15977:E15986)		\$0.52
15988			
15989 Total Direct Costs	E15977+E15987		\$5.73
15990			•
15991 Directly Attributed			
15992 Network Operations	D15992*E15989	0.056129	\$0.32
15993 Network Support Assets	D15993*E15989	0.014074	\$0.08
15994 General Support Assets	D15994*E15989	0.057904	\$0.33
15995 General Purpose Computers	D15995*E15989	0.040926	\$0.23
15996 Uncollectible	D15996*E15989	0.001136	\$0.01
15997 Accounting & Finance Expense	D15997*E15989	0.010471	\$0.06
15998 Human Resources Expense	D15998*E15989	0.009808	\$0.06
15999 Information Management Expense	D15999*E15989	0.068149	\$0.39
16000 Intangibles	D16000*E15989	0.002634	\$0.02
16001 Directly Attributed Costs	Sum(E15992:E16000)		\$1.50
16002			
16003 TELRIC	E15992+E16001		\$7.23
16004			
16005 Common			
16006 Executive Expense	D16006*E16003	0.008052	\$0.06
16007 Planning Expense	D16007*E16003	0.000682	\$0.00
16008 External Relations Expense	D16008*E16003	0.009631	\$0.07
16009 Legal Expense	D16009*E16003	0.007338	\$0.05
16010 Other Procurement Expense	D16010*E16003	0.002772	\$0.02
16011 Research & Development Expense	D16011*E16003	0.000042	\$0.00
16012 Other General and Admin Expense	D16012*E16003	0.019104	\$0.14
16013 Common Costs	Sum(E16006:E16012)		\$0.34
16014			
16015 TELRIC + Common Costs	E16003+E16013		\$7.58

Qwest Advice No. 3376T Page 723 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G B * (C Thru F)	Н	I H * (G/60)
UPS CUSTOMER CHANNEL AND UNBUNDLED DISTRIBUTION SUBLOOP DISCONNECT- MANUAL								
DISCONNECT								
-INTERCONNECT SERVICE CENTER (ICS) NO MANUAL ISC TIMES PREVIOUSLY FILED IN THIS DOCKET, THEREFORE, CURRENT QWEST ISC TIMES APPLIED. .70 probability reflects 30% reduction to work time estimates ordered Verify all required fields are filled in and populated correctly for Local Service Request (LSR) Call CLEC, Inform LSR is in process of being worked Using Swift/SOP, Issue orders IMA-FOC (Firm Order Confirmation) to CLEC CRM-Populate required fields SOAC ensure at least 2 successes SOP-Ensure PD or RL, File in drawer	3 2 10 2 3 6 2	0.700 0.700 0.700 0.700 0.700 0.700 0.700				2.10 1.40 7.00 1.40 2.10 4.20 1.40	\$39.16 \$39.16 \$39.16 \$39.16 \$39.16 \$39.16	\$1.37 \$0.91 \$4.57 \$0.91 \$1.37 \$2.74 \$0.91
Subtotal - INTERCONNECT SERVICE CENTER (ICS)						19.60		\$12.79
-ENTERPRISE - NOC (NETWORK OPERATIONS CENTER) .10 probability 10% of orders require translations .70 probability reflects 30% reduction to work time estimates ordered Translations	25	0.100	0.700			1.75	\$41.45	\$1.21
Subtotal - ENTERPRISE - NOC (NETWORK OPERATIONS CENTER)						1.75		\$1.21
Total For Service:						21.35		\$14.00
						21.00		Ψ1-1.00

Qwest Advice No. 3376T Page 724 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	
						B * (C Thru F)		H * (G/60)

UPS CUSTOMER CHANNEL AND UNBUNDLED DISTRIBUTION SUBLOOP DISCONNECT- MANUAL (con't)

16068			
16069	Cost	Cost	
16070	Calculation	Factor	Cost
16071	ВС	D	E
16072 Directly Assigned			
16073 Product Management Expense	D16073*E16067	0.040393	\$0.5
16074 Sales Expense	D16074*E16067	0.014960	\$0.2
16075 Product Advertising Expense	D16075*E16067	0.000000	\$0.
16076 Business Fees (Other Operating Taxes)	D16076*Sum(E16067:E16075)	0.042595	<u>\$0.0</u>
16077 Directly Assigned Costs	Sum(E16067:E16076)		\$1.
16078			
16079 Total Direct Costs	E16067+E16077		\$15.
16080			
16081 Directly Attributed			
16082 Network Operations	D16082*E16079	0.056129	\$0.
16083 Network Support Assets	D16083*E16079	0.014074	\$0.
16084 General Support Assets	D16084*E16079	0.057904	\$0.
16085 General Purpose Computers	D16085*E16079	0.040926	\$0.
16086 Uncollectible	D16086*E16079	0.001136	\$0.
16087 Accounting & Finance Expense	D16087*E16079	0.010471	\$0.
16088 Human Resources Expense	D16088*E16079	0.009808	\$0.
16089 Information Management Expense	D16089*E16079	0.068149	\$1.
16090 Intangibles	D16090*E16079	0.002634	\$0.
16091 Directly Attributed Costs	Sum(E16082:E16090)		\$4.
16092 16093 TELRIC	E16082+E16091		\$19.
16094			
16095 Common			
16096 Executive Expense	D16096*E16093	0.008052	\$0.
16097 Planning Expense	D16097*E16093	0.000682	\$0.
16098 External Relations Expense	D16098*E16093	0.009631	\$0.
16099 Legal Expense	D16099*E16093	0.007338	\$0.
16100 Other Procurement Expense	D16100*E16093	0.002772	\$0.
16101 Research & Development Expense	D16101*E16093	0.000042	\$0.
16102 Other General and Admin Expense	D16102*E16093	0.019104	\$0.
16103 Common Costs	Sum(E16096:E16102)		\$0.
16104	· · · · · · · · · · · · · · · · · · ·		
16105 TELRIC + Common Costs	E16093+E16103		\$20.

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Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	В	C	D	E	F	G	Н	I
						B * (C Thru F)		H * (G/60)
UPS CUSTOMER CHANNEL AND CLEC PROVIDED LOOP INSTALL- MECHANIZED								
ADD								
-INTERCONNECT SERVICE CENTER (ICS)								
Time estimate(s) ordered by commission staff.								
Process order	6	1.000				6.00	\$40.03	\$4.00
Subtotal - INTERCONNECT SERVICE CENTER (ICS)						6.00		\$4.00
-LRAC								
.20 & .05 probability are % manual work required. Reciprocal is mechanization rate.								
.70 probability reflects 30% reduction to work time estimates ordered								
Screen order	2	0.200	0.700			0.28	\$37.78	\$0.18
Load work request tech load system Close out order with tech	2	0.200 0.050	0.700 0.700			0.28 0.11	\$37.78 \$37.78	\$0.18
Close out order with tech	3	0.050	0.700			0.11	\$37.78	\$0.07
Subtotal - LRAC						0.67		\$0.42
-INSTALLATION/FIELD TECHNICIAN								
.70 probability reflects 30% reduction to work time estimates ordered								
Travel time	21	0.700				14.70	\$42.68	\$10.46
Service Area Interface/field connection point work activity.	15	0.700				10.50	\$42.68	\$7.47
Testing and turn up.	5	0.700				3.50	\$42.68	\$2.49
Close order in field access system/ WFADO	3	0.700				2.10	\$42.68	\$1.49
Subtotal - INSTALLATION/FIELD TECHNICIAN						30.80		\$21.91
-ENTERPRISE - NOC (NETWORK OPERATIONS CENTER)								
.10 probability 10% of orders require translations								
.70 probability reflects 30% reduction to work time estimates ordered								
Translations	25	0.100	0.700			1.75	\$41.45	\$1.21
RADSL Service act and testing	10	0.100	0.700			0.70	\$41.45	\$0.48
Subtotal - ENTERPRISE - NOC (NETWORK OPERATIONS CENTER)						2.45		\$1.69
Tatal For Comitae						20.00		£20 A21
Total For Service:						39.92		\$28.02

Qwest Advice No. 3376T Page 726 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	[
						B * (C Thru F)		H * (G/60)

UPS CUSTOMER CHANNEL AND CLEC PROVIDED LOOP INSTALL- MECHANIZED (con't)

16157 Direct Cost			\$28.02
16158			
16159	Cost	Cost	
16160	Calculation	Factor	Cost
16161	ВС	D	E
16162 Directly Assigned			
16163 Product Management Expense	D16163*E16157	0.040393	\$1.13
16164 Sales Expense	D16164*E16157	0.014960	\$0.42
16165 Product Advertising Expense	D16165*E16157	0.000000	\$0.00
16166 Business Fees (Other Operating Taxes)	D16166*Sum(E16157:E16165)	0.042595	\$1.26
16167 Directly Assigned Costs	Sum(E16157:E16166)		\$2.81
16168			
16169 Total Direct Costs	E16157+E16167		\$30.83
16170			
16171 Directly Attributed			
16172 Network Operations	D16172*E16169	0.056129	\$1.73
16173 Network Support Assets	D16173*E16169	0.014074	\$0.43
16174 General Support Assets	D16174*E16169	0.057904	\$1.79
16175 General Purpose Computers	D16175*E16169	0.040926	\$1.26
16176 Uncollectible	D16176*E16169	0.001136	\$0.04
16177 Accounting & Finance Expense	D16177*E16169	0.010471	\$0.32
16178 Human Resources Expense	D16178*E16169	0.009808	\$0.30
16179 Information Management Expense	D16179*E16169	0.068149	\$2.10
16180 Intangibles	D16180*E16169	0.002634	\$0.08
16181 Directly Attributed Costs	Sum(E16172:E16180)		\$8.05
16182	,		
16183 TELRIC	E16172+E16181		\$38.89
16184			
16185 Common			
16186 Executive Expense	D16186*E16183	0.008052	\$0.31
16187 Planning Expense	D16187*E16183	0.000682	\$0.03
16188 External Relations Expense	D16188*E16183	0.009631	\$0.37
16189 Legal Expense	D16189*E16183	0.007338	\$0.29
16190 Other Procurement Expense	D16190*E16183	0.002772	\$0.11
16191 Research & Development Expense	D16191*E16183	0.000042	\$0.00
16192 Other General and Admin Expense	D16192*E16183	0.019104	\$0.74
16193 Common Costs	Sum(E16186:E16192)		\$1.85
16194	,		
16195 TELRIC + Common Costs	E16183+E16193		\$40.74

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Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	В	С	D	Е	F	G B * (C Thru F)	Н	I H * (G/60)
UPS CUSTOMER CHANNEL AND CLEC PROVIDED LOOP INSTALL- MANUAL								
<u>*ADD*</u>								
-INTERCONNECT SERVICE CENTER (ICS)								
NO MANUAL ISC TIMES PREVIOUSLY FILED IN THIS DOCKET, THEREFORE, CURRENT QWEST ISC TIMES APPLIED.								
.70 probability reflects 30% reduction to work time estimates ordered								
Verify all required fields are filled in and populated correctly for Local Service Request (LSR)	3	0.700				2.10	\$39.16	\$1.37
Call CLEC, Inform LSR is in process of being worked Exchange Information - Obtain CO name, address, office type	2	0.700 0.700				1.40 1.40	\$39.16 \$39.16	\$0.9 \$0.9
Look up billing USOC's for co-provider	5	0.700				3.50	\$39.16	\$2.2
Resale Summary List - Look up billing telephone number, tax code, and BAPC	2	0.700				1.40	\$39.16	\$0.9
Using Swift/SOP, Issue orders	10	0.700				7.00	\$39.16	\$4.5
IMA-FOC (Firm Order Confirmation) to CLEC CRM-Populate required fields	2	0.700 0.700				1.40 2.10	\$39.16 \$39.16	\$0.9 \$1.3
SOAC ensure at least 2 successes	ა 6	0.700				4.20	\$39.16	\$1.3 \$2.7
SOP-Ensure PD or RL, File in drawer	2	0.700				1.40	\$39.16	\$0.9
ESOI's-Generated from Loop Provisioning Center	5	0.700				3.50	\$39.16	\$2.28
Call Handling, Follow up calls from Implementors, LPC, etc.	5	0.700				3.50	\$39.16	\$2.28
Subtotal - INTERCONNECT SERVICE CENTER (ICS)						32.90		\$21.47
-LRAC								
.02 & .05 probability is % manual work required. Reciprocal is mechanization rate.								
.70 probability reflects 30% reduction to work time estimates ordered								
Screen order	2 2	0.200 0.200	0.700 0.700			0.28 0.28	\$37.78 \$37.78	\$0.18 \$0.18
Load work request tech load system Close out order with tech	3	0.200	0.700			0.28	\$37.76 \$37.78	\$0.07
Sidde dat order with team	J	0.000	0.700			0.11	ψ01.10	ψ0.07
Subtotal - LRAC						0.67		\$0.42
-INSTALLATION/FIELD TECHNICIAN								
.70 probability reflects 30% reduction to work time estimates ordered								
Travel time	21	0.700				14.70	\$42.68	\$10.46
Service Area Interface/field connection point work activity.	15	0.700				10.50	\$42.68	\$7.47
Testing and turn up.	5	0.700				3.50	\$42.68	\$2.49
Close order in field access system/ WFADO	3	0.700				2.10	\$42.68	\$1.49
Subtotal - INSTALLATION/FIELD TECHNICIAN						30.80		\$21.91

⁻ENTERPRISE - NOC (NETWORK OPERATIONS CENTER)
.10 probability 10% of orders require translations
.70 probability reflects 30% reduction to work time estimates ordered

Qwest Advice No. 3376T Page 728 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B Study Year: 2001

Analyst: Deffley/Eoriatti
Product Group: Interconnection

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G B * (C Thru F)	Н	I H * (G/60)
UPS CUSTOMER CHANNEL AND CLEC PROVIDED LOOP INSTALL- MANUAL (con't)								
Translations	25	0.100	0.700			1.75	\$41.45	\$1.21
RADSL Service act and testing	10	0.100	0.700			0.70	\$41.45	\$0.48
Subtotal - ENTERPRISE - NOC (NETWORK OPERATIONS CENTER)						2.45		\$1.69
Total For Service:						66.82		\$45.49

Qwest Advice No. 3376T Page 729 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	[
						B * (C Thru F)		H * (G/60)

UPS CUSTOMER CHANNEL AND CLEC PROVIDED LOOP INSTALL- MANUAL (con't)

16292 Direct Cost			\$45.4
16293			
16294	Cost	Cost	_
16295	Calculation	Factor	Cost
16296	ВС	D	E
16297 Directly Assigned			
16298 Product Management Expense	D16298*E16292	0.040393	\$1.8
16299 Sales Expense	D16299*E16292	0.014960	\$0.0
16300 Product Advertising Expense	D16300*E16292	0.000000	\$0.0
16301 Business Fees (Other Operating Taxes)	D16301*Sum(E16292:E16300)	0.042595	\$2.0
16302 Directly Assigned Costs	Sum(E16292:E16301)		\$4.
16303			
16304 Total Direct Costs	E16292+E16302		\$50.
16305			
16306 Directly Attributed			
16307 Network Operations	D16307*E16304	0.056129	\$2.8
16308 Network Support Assets	D16308*E16304	0.014074	\$0.7
16309 General Support Assets	D16309*E16304	0.057904	\$2.
16310 General Purpose Computers	D16310*E16304	0.040926	\$2.0
16311 Uncollectible	D16311*E16304	0.001136	\$0.0
16312 Accounting & Finance Expense	D16312*E16304	0.010471	\$0.
16313 Human Resources Expense	D16313*E16304	0.009808	\$0.4
16314 Information Management Expense	D16314*E16304	0.068149	\$3.4
16315 Intangibles	D16315*E16304	0.002634	\$0.
16316 Directly Attributed Costs	Sum(E16307:E16315)		\$13.0
16317			
16318 TELRIC	E16307+E16316		\$63.
16319			
16320 Common			
16321 Executive Expense	D16321*E16318	0.008052	\$0.
16322 Planning Expense	D16322*E16318	0.000682	\$0.
16323 External Relations Expense	D16323*E16318	0.009631	\$0.
16324 Legal Expense	D16324*E16318	0.007338	\$0.4
16325 Other Procurement Expense	D16325*E16318	0.002772	\$0.
16326 Research & Development Expense	D16326*E16318	0.000042	\$0.
16327 Other General and Admin Expense	D16327*E16318	0.019104	\$1.
16328 Common Costs	Sum(E16321:E16327)		\$3.
16329			
16330 TELRIC + Common Costs	E16318+E16328		\$66.

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Study Name: PART D FINAL ORDER NRC STUDY 7246 B Study Year: 2001

Analyst: Deffley/Eoriatti
Product Group: Interconnection

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	В	C	D	E	F	G	H	I
						B * (C Thru F)		H * (G/60)
UPS CUSTOMER CHANNEL AND CLEC PROVIDED LOOP DISCONNECT- MECHANIZED								
DISCONNECT								
-INTERCONNECT SERVICE CENTER (ICS)								
Time estimate(s) ordered by commission staff. Process order	6	1.000				6.00	\$40.03	\$4.00
1 Tocess order	O	1.000				0.00	Ψ+0.03	Ψ+.00
Subtotal - INTERCONNECT SERVICE CENTER (ICS)						6.00		\$4.00
-ENTERPRISE - NOC (NETWORK OPERATIONS CENTER)								
.10 probability 10% of orders require translations								
.70 probability reflects 30% reduction to work time estimates ordered Translations	25	0.100	0.700			1.75	\$41.45	\$1.21
เาสารเสนงกร	25	0.100	0.700			1.73	υ+.1.+Ο	Ψ1.21
Subtotal - ENTERPRISE - NOC (NETWORK OPERATIONS CENTER)						1.75		\$1.21
Total For Service:						7.75		\$5.21

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Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	[
						B * (C Thru F)		H * (G/60)

UPS CUSTOMER CHANNEL AND CLEC PROVIDED LOOP DISCONNECT- MECHANIZED (con't)

16382 Direct Cost			\$5.21
16383			
16384	Cost	Cost	
16385	Calculation	Factor	Cost
16386	ВС	D	E
16387 Directly Assigned			
16388 Product Management Expense	D16388*E16382	0.040393	\$0.21
16389 Sales Expense	D16389*E16382	0.014960	\$0.08
16390 Product Advertising Expense	D16390*E16382	0.000000	\$0.00
16391 Business Fees (Other Operating Taxes)	D16391*Sum(E16382:E16390)	0.042595	\$0.23
16392 Directly Assigned Costs	Sum(E16382:E16391)		\$0.52
16393			•
16394 Total Direct Costs	E16382+E16392		\$5.73
16395			
16396 Directly Attributed			
16397 Network Operations	D16397*E16394	0.056129	\$0.32
16398 Network Support Assets	D16398*E16394	0.014074	\$0.08
16399 General Support Assets	D16399*E16394	0.057904	\$0.33
16400 General Purpose Computers	D16400*E16394	0.040926	\$0.23
16401 Uncollectible	D16401*E16394	0.001136	\$0.01
16402 Accounting & Finance Expense	D16402*E16394	0.010471	\$0.06
16403 Human Resources Expense	D16403*E16394	0.009808	\$0.06
16404 Information Management Expense	D16404*E16394	0.068149	\$0.39
16405 Intangibles	D16405*E16394	0.002634	\$0.02
16406 Directly Attributed Costs	Sum(E16397:E16405)		\$1.50
16407			•
16408 TELRIC	E16397+E16406		\$7.23
16409			
16410 Common			
16411 Executive Expense	D16411*E16408	0.008052	\$0.06
16412 Planning Expense	D16412*E16408	0.000682	\$0.00
16413 External Relations Expense	D16413*E16408	0.009631	\$0.07
16414 Legal Expense	D16414*E16408	0.007338	\$0.05
16415 Other Procurement Expense	D16415*E16408	0.002772	\$0.02
16416 Research & Development Expense	D16416*E16408	0.000042	\$0.00
16417 Other General and Admin Expense	D16417*E16408	0.019104	\$0.14
16418 Common Costs	Sum(E16411:E16417)		\$0.34
16419			
16420 TELRIC + Common Costs	E16408+E16418		\$7.58

Qwest Advice No. 3376T Page 732 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G B * (C Thru F)	Н	I H * (G/60)
						B (C IIIIur)		п (G/60)
UPS CUSTOMER CHANNEL AND CLEC PROVIDED LOOP DISCONNECT- MANUAL								
DISCONNECT								
-INTERCONNECT SERVICE CENTER (ICS)								
NO MANUAL ISC TIMES PREVIOUSLY FILED IN THIS DOCKET, THEREFORE,								
CURRENT QWEST ISC TIMES APPLIED.								
.70 probability reflects 30% reduction to work time estimates ordered								
Verify all required fields are filled in and populated correctly for Local Service Request (LSR)	3	0.700				2.10	\$39.16	\$1.37
Call CLEC, Inform LSR is in process of being worked Using Swift/SOP, Issue orders	2	0.700 0.700				1.40 7.00	\$39.16 \$39.16	\$0.91 \$4.57
IMA-FOC (Firm Order Confirmation) to CLEC	10	0.700				1.40	\$39.16 \$39.16	\$4.57 \$0.91
CRM-Populate required fields	3	0.700				2.10	\$39.16	\$1.37
SOAC ensure at least 2 successes	6	0.700				4.20	\$39.16	\$2.74
SOP-Ensure PD or RL, File in drawer	2	0.700				1.40	\$39.16	\$0.91
Subtotal - INTERCONNECT SERVICE CENTER (ICS)						19.60		\$12.79
-ENTERPRISE - NOC (NETWORK OPERATIONS CENTER) .10 probability 10% of orders require translations								
.70 probability reflects 30% reduction to work time estimates ordered								
Translations	25	0.100	0.700			1.75	\$41.45	\$1.21
Subtotal - ENTERPRISE - NOC (NETWORK OPERATIONS CENTER)						1.75		\$1.21
Total For Service:						21.35		\$14.00

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Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	
						B * (C Thru F)		H * (G/60)

UPS CUSTOMER CHANNEL AND CLEC PROVIDED LOOP DISCONNECT- MANUAL (con't)

16472 Direct Cost			\$14.00
16473			
16474	Cost	Cost	
16475	Calculation	Factor	Cost
16476	ВС	D	Е
16477 Directly Assigned	<u>-</u>		
16478 Product Management Expense	D16478*E16472	0.040393	\$0.57
16479 Sales Expense	D16479*E16472	0.014960	\$0.21
16480 Product Advertising Expense	D16480*E16472	0.000000	\$0.00
16481 Business Fees (Other Operating Taxes)	D16481*Sum(E16472:E16480)	0.042595	\$0.63
16482 Directly Assigned Costs	Sum(E16472:E16481)		\$1.40
16483			'
16484 Total Direct Costs	E16472+E16482		\$15.41
16485			
16486 Directly Attributed			
16487 Network Operations	D16487*E16484	0.056129	\$0.86
16488 Network Support Assets	D16488*E16484	0.014074	\$0.22
16489 General Support Assets	D16489*E16484	0.057904	\$0.89
16490 General Purpose Computers	D16490*E16484	0.040926	\$0.63
16491 Uncollectible	D16491*E16484	0.001136	\$0.02
16492 Accounting & Finance Expense	D16492*E16484	0.010471	\$0.16
16493 Human Resources Expense	D16493*E16484	0.009808	\$0.15
16494 Information Management Expense	D16494*E16484	0.068149	\$1.05
16495 Intangibles	D16495*E16484	0.002634	\$0.04
16496 Directly Attributed Costs	Sum(E16487:E16495)		\$4.02
16497	· · · · · · · · · · · · · · · · · · ·		
16498 TELRIC	E16487+E16496		\$19.43
16499			
16500 Common			
16501 Executive Expense	D16501*E16498	0.008052	\$0.16
16502 Planning Expense	D16502*E16498	0.000682	\$0.01
16503 External Relations Expense	D16503*E16498	0.009631	\$0.19
16504 Legal Expense	D16504*E16498	0.007338	\$0.14
16505 Other Procurement Expense	D16505*E16498	0.002772	\$0.05
16506 Research & Development Expense	D16506*E16498	0.000042	\$0.00
16507 Other General and Admin Expense	D16507*E16498	0.019104	\$0.37
			Φο οο
16508 Common Costs	Sum(E16501:E16507)		\$0.93
16508 Common Costs 16509	Sum(E16501:E16507)		\$0.93

Qwest Advice No. 3376T Page 734 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B Study Year: 2001

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G B * (C Thru F)	Н	I H * (G/60)
						B (C IIIIu F)		п (G/60)
UPS DS1/DS3 ATM SWITCH INTERFACE PORT INSTALL - MECHANIZED								
ADD								
-SERVICE DELIVERY COORDINATOR								
NO MECHANIZED ISC TIMES PREVIOUSLY FILED IN THIS DOCKET, THEREFORE,								
CURRENT QWEST ISC TIMES APPLIED. Time estimate(s) ordered by commission staff.								
Process order	6	1.000				6.00	\$40.03	\$4.00
							* 10100	·
Subtotal - SERVICE DELIVERY COORDINATOR						6.00		\$4.00
-DESIGN								
.05, .95, .20, .80, 1 probability % manual handling								
.70 probability reflects 30% reduction to work time estimates ordered	45	0.050	0.700			4.50	04404	04.40
Log/Verify Facility Log/Verify Facility	45 25	0.050 0.950	0.700 0.700			1.58 16.63	\$44.31 \$44.31	\$1.16 \$12.28
Build/Validate DRI & WA	6	0.950	0.700			0.21	\$44.31	\$0.16
Build/Validate DRI & WA	3	0.950	0.700			2.00	\$44.31	\$1.47
Build/Verify CD	15	0.200	0.700			2.10	\$44.31	\$1.55
Build/Verify CD	5	0.800	0.700			2.80	\$44.31	\$2.07
Distribute Documents	4	1.000	0.700			2.80	\$44.31	\$2.07
Subtotal - DESIGN						28.11		\$20.76
OFFICE TECHNIQUE								<u>'</u>
-CENTRAL OFFICE TECHNICIAN .70 probability reflects 30% reduction to work time estimates ordered								
ANALYZE ORDER	5	0.700				3.50	\$43.81	\$2.56
COMPLETE CROSS CONNECT	10	0.700				7.00	\$43.81	\$5.11
PERFORM CONFORMANCE TESTING	20	0.700				14.00	\$43.81	\$10.22
Complete DD work status with CCT-I	3	0.700				2.10	\$43.81	\$1.53
Post DVA work complete in WFA-DI	2	0.700				1.40	\$43.81	\$1.02
Subtotal - CENTRAL OFFICE TECHNICIAN						28.00		\$20.44
-SERVICE DELIVERY IMPLEMENTOR								
.70 probability reflects 30% reduction to work time estimates ordered								
SCREEN WORK FORCE ADMINISTRATION (WFA) FOR CIRCUIT	5	0.700				3.50	\$43.81	\$2.56
VERIFY COMPLETION WITH LOCAL NETWORK ORGANIZATION (LNO)	5	0.700				3.50	\$43.81	\$2.56
MONITOR PERFORMANCE TESTING	15	0.700				10.50	\$43.81	\$7.67
NOTIFY CO-PROVIDER OF WORK COMPLETION POST ORDER COMPLETE WORK FORCE ADMINISTRATION / CONTROL (WFA-C)	5 10	0.700 0.700				3.50 7.00	\$43.81 \$43.81	\$2.56 \$5.11
FOST ONDER COMPLETE WORK FORCE ADMINISTRATION / CONTROL (WFA-C)	10	0.700				7.00	943.01	φυ.11

Qwest Advice No. 3376T Page 735 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G	Н	
						B * (C Thru F)		H * (G/60)

UPS DS1/DS3 ATM SWITCH INTERFACE PORT INSTALL - MECHANIZED (con't)

Subtotal - SERVICE DELIVERY IMPLEMENTOR	28.00	\$20.44
Total For Service:	90.11	\$65.65

Qwest Advice No. 3376T Page 736 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G	Н	
						B * (C Thru F)		H * (G/60)

UPS DS1/DS3 ATM SWITCH INTERFACE PORT INSTALL - MECHANIZED (con't)

16607 Direct Cost			\$65.65
16608			
16609	Cost	Cost	
16610	Calculation	Factor	Cost
16611	ВС	D	E
16612 Directly Assigned	<u>-</u>		
16613 Product Management Expense	D16613*E16607	0.040393	\$2.65
16614 Sales Expense	D16614*E16607	0.014960	\$0.98
16615 Product Advertising Expense	D16615*E16607	0.000000	\$0.00
16616 Business Fees (Other Operating Taxes)	D16616*Sum(E16607:E16615)	0.042595	\$2.95
16617 Directly Assigned Costs	Sum(E16607:E16616)		\$6.58
16618			
16619 Total Direct Costs	E16607+E16617		\$72.23
16620			
16621 Directly Attributed			
16622 Network Operations	D16622*E16619	0.056129	\$4.05
16623 Network Support Assets	D16623*E16619	0.014074	\$1.02
16624 General Support Assets	D16624*E16619	0.057904	\$4.18
16625 General Purpose Computers	D16625*E16619	0.040926	\$2.96
16626 Uncollectible	D16626*E16619	0.001136	\$0.08
16627 Accounting & Finance Expense	D16627*E16619	0.010471	\$0.76
16628 Human Resources Expense	D16628*E16619	0.009808	\$0.71
16629 Information Management Expense	D16629*E16619	0.068149	\$4.92
16630 Intangibles	D16630*E16619	0.002634	\$0.19
16631 Directly Attributed Costs	Sum(E16622:E16630)		\$18.87
16632	,		
16633 TELRIC	E16622+E16631		\$91.10
16634			•
16635 Common			
16636 Executive Expense	D16636*E16633	0.008052	\$0.73
16637 Planning Expense	D16637*E16633	0.000682	\$0.06
16638 External Relations Expense	D16638*E16633	0.009631	\$0.88
16639 Legal Expense	D16639*E16633	0.007338	\$0.67
16640 Other Procurement Expense	D16640*E16633	0.002772	\$0.25
16641 Research & Development Expense	D16641*E16633	0.000042	\$0.00
16642 Other General and Admin Expense	D16642*E16633	0.019104	\$1.74
16643 Common Costs	Sum(E16636:E16642)		\$4.34
16644	. ,		
16645 TELRIC + Common Costs	E16633+E16643		\$95.44

Qwest Advice No. 3376T Page 737 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti Product Group: Interconnection

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G B * (C Thru F)	Н	I H * (G/60)
UPS DS1/DS3 ATM SWITCH INTERFACE PORT INSTALL - MANUAL								
<u>*ADD*</u>								
-SERVICE DELIVERY COORDINATOR								
.70 probability reflects 30% reduction to work time estimates ordered ANALYSIS OF REQUEST TO DETERMINE TYPE OF SERVICE. DESIRED SERVICE LEVEL. D.	5	0.700				3.50	\$40.03	\$2.3
VALIDATE CONNECTING FACILITY ARRANGEMENT (CFA), NETWORK CHANNEL/NETWOR	2	0.700				1.40	\$40.03	\$0.9
NAME COMMON LANGUAGE FACILITY (CLF) & ESTABLISH FACILITY EQUIPMENT PLANNIN	10	0.700				7.00	\$40.03	\$4.6
DETERMINE CRITICAL DATES CONFIRM FIRM ORDER CONFIRMATION (FOC) LOCAL SERVICE REQUEST (LSR)	5 5	0.700 0.700				3.50 3.50	\$40.03 \$40.03	\$2.34 \$2.34
ISSUE SERVICE ORDER	15	0.700				10.50	\$40.03	\$7.0°
CHECK FOR SERVICE ORDER ACCESS CONTROLLER ERRORS	5	0.700				3.50	\$40.03	\$2.34
ORDER COMPLETION	5	0.700				3.50	\$40.03	\$2.34
Subtotal - SERVICE DELIVERY COORDINATOR						36.40		\$24.28
-DESIGN								
.95, .05, .20, .80 ,1 probability % manual handling								
.70 probability reflects 30% reduction to work time estimates ordered Log/Verify Facility	45	0.050	0.700			1.58	\$44.31	\$1.16
Log/Verify Facility Log/Verify Facility	25	0.050	0.700			16.63	\$44.31	\$1.10 \$12.28
Build/Validate DRI & WA	6	0.050	0.700			0.21	\$44.31	\$0.16
Build/Validate DRI & WA Build/Verify CD	3 15	0.950 0.200	0.700 0.700			2.00 2.10	\$44.31 \$44.31	\$1.47 \$1.55
Build/Verify CD	5	0.800	0.700			2.80	\$44.31	\$1.53 \$2.07
Distribute Documents	4	1.000	0.700			2.80	\$44.31	\$2.07
Subtotal - DESIGN						28.11		\$20.76
-CENTRAL OFFICE TECHNICIAN								
.70 probability reflects 30% reduction to work time estimates ordered ANALYZE ORDER	5	0.700				3.50	\$43.81	\$2.56
COMPLETE CROSS CONNECT	10	0.700				7.00	\$43.81	\$5.1 ²
PERFORM CONFORMANCE TESTING	20	0.700				14.00	\$43.81	\$10.22
Complete DD work status with CCT-I Post DVA work complete in WFA-DI	3 2	0.700 0.700				2.10 1.40	\$43.81 \$43.81	\$1.53 \$1.02
Post DVA work complete in WPA-DI	2	0.700				1.40	Ф43.01	·
Subtotal - CENTRAL OFFICE TECHNICIAN						28.00		\$20.44
-SERVICE DELIVERY IMPLEMENTOR								
.70 probability reflects 30% reduction to work time estimates ordered SCREEN WORK FORCE ADMINISTRATION (WFA) FOR CIRCUIT	5	0.700				3.50	\$43.81	\$2.50
CONCERT WORK TO COL ADMINISTRATION (WITA) TO K CINCOTT	5	0.700				3.50	ψ 4 3.01	φ2.30

Qwest Advice No. 3376T Page 738 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti
Product Group: Interconnection

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	В	С	D	E	F	G B * (C Thru F)	Н	I H * (G/60)
UPS DS1/DS3 ATM SWITCH INTERFACE PORT INSTALL - MANUAL (con't)								
VERIFY COMPLETION WITH LOCAL NETWORK ORGANIZATION (LNO)	5	0.700				3.50	\$43.81	\$2.56
MONITOR PERFORMANCE TESTING	15	0.700				10.50	\$43.81	\$7.67
NOTIFY CO-PROVIDER OF WORK COMPLETION	5	0.700				3.50	\$43.81	\$2.56
POST ORDER COMPLETE WORK FORCE ADMINISTRATION / CONTROL (WFA-C)	10	0.700				7.00	\$43.81	\$5.11
Subtotal - SERVICE DELIVERY IMPLEMENTOR						28.00		\$20.44
Total For Service:						120.51		\$85.93

Qwest Advice No. 3376T Page 739 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G	Н	
						B * (C Thru F)		H * (G/60)

UPS DS1/DS3 ATM SWITCH INTERFACE PORT INSTALL - MANUAL (con't)

16742 Direct Cost			\$85.93
16743			
16744	Cost	Cost	
16745	Calculation	Factor	Cost
16746	ВС	D	Е
16747 Directly Assigned			
16748 Product Management Expense	D16748*E16742	0.040393	\$3.47
16749 Sales Expense	D16749*E16742	0.014960	\$1.29
16750 Product Advertising Expense	D16750*E16742	0.000000	\$0.00
16751 Business Fees (Other Operating Taxes)	D16751*Sum(E16742:E16750)	0.042595	\$3.86
16752 Directly Assigned Costs	Sum(E16742:E16751)		\$8.62
16753			
16754 Total Direct Costs	E16742+E16752		\$94.55
16755			
16756 Directly Attributed			
16757 Network Operations	D16757*E16754	0.056129	\$5.31
16758 Network Support Assets	D16758*E16754	0.014074	\$1.33
16759 General Support Assets	D16759*E16754	0.057904	\$5.47
16760 General Purpose Computers	D16760*E16754	0.040926	\$3.87
16761 Uncollectible	D16761*E16754	0.001136	\$0.11
16762 Accounting & Finance Expense	D16762*E16754	0.010471	\$0.99
16763 Human Resources Expense	D16763*E16754	0.009808	\$0.93
16764 Information Management Expense	D16764*E16754	0.068149	\$6.44
16765 Intangibles	D16765*E16754	0.002634	\$0.25
16766 Directly Attributed Costs	Sum(E16757:E16765)		\$24.70
16767 16768 TELRIC	E16757+E16766		\$119.25
16769	E10/3/7E10/00		Ψ113.23
16770 Common			
16771 Executive Expense	D16771*E16768	0.008052	\$0.96
16772 Planning Expense	D16772*E16768	0.000682	\$0.08
16773 External Relations Expense	D16773*E16768	0.009631	\$1.15
16774 Legal Expense	D16774*E16768	0.007338	\$0.88
16775 Other Procurement Expense	D16775*E16768	0.002772	\$0.33
16776 Research & Development Expense	D16776*E16768	0.000042	\$0.01
16777 Other General and Admin Expense	D16777*E16768	0.019104	\$2.28
16778 Common Costs	Sum(E16771:E16777)		\$5.68
16779	, ,		
16780 TELRIC + Common Costs	E16768+E16778		\$124.93

Qwest Advice No. 3376T Page 740 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B Study Year: 2001

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G B * (C Thru F)	Н	I H * (G/60)
						b (Cilluf)		п (G/60)
UPS DS1/DS3 ATM SWITCH INTERFACE PORT DISCONNECT - MECHANIZED								
DISCONNECT								
-SERVICE DELIVERY COORDINATOR								
NO MECHANIZED ISC TIMES PREVIOUSLY FILED IN THIS DOCKET, THEREFORE,								
CURRENT QWEST ISC TIMES APPLIED.								
Time estimate(s) ordered by commission staff.								
Process order	6	1.000				6.00	\$40.03	\$4.00
Subtotal - SERVICE DELIVERY COORDINATOR						6.00		\$4.00
-DESIGN								
.05, .95, 1 probability % manual handled								
.70 probability reflects 30% reduction to work time estimates ordered								
Log/Verify Facility	8	0.050	0.700			0.28	\$44.31	\$0.21
Log/Verify Facility	3	0.950	0.700			2.00	\$44.31	\$1.47
Build/Validate WA	5	0.050	0.700			0.18	\$44.31	\$0.13
Build/Validate WA	2	0.950	0.700			1.33	\$44.31	\$0.98
Build/Verify CD Build/Verify CD	3 2	0.050 0.950	0.700 0.700			0.11 1.33	\$44.31 \$44.31	\$0.08 \$0.98
Distribute Documents	2	1.000	0.700			1.40	\$44.31	\$1.03
Distribute Documents	_	1.000	0.700				Ψ-101	·
Subtotal - DESIGN						6.62		\$4.89
-CENTRAL OFFICE TECHNICIAN								
Time estimate(s) ordered by commission staff.								
Analyze order	2	1.000				2.00	\$43.81	\$1.46
Remove jumper	3	1.000				3.00	\$43.81	\$2.19
Subtotal - CENTRAL OFFICE TECHNICIAN						5.00		\$3.65
								4 0100
-SERVICE DELIVERY IMPLEMENTOR								
.70 probability reflects 30% reduction to work time estimates ordered	-	0.700				0.50	¢42.04	¢0.50
SCREEN WORK FORCE ADMINISTRATION (WFA) FOR CIRCUIT CONTACT CO-PROVIDER	5 5	0.700 0.700				3.50 3.50	\$43.81 \$43.81	\$2.56 \$2.56
COMPELTE ORDER IN WORK FORCE ADMINISTRATION-CIRCUIT (WFA-C)	5	0.700				3.50	\$43.81	\$2.56 \$2.56
· · ·							+	·
Subtotal - SERVICE DELIVERY IMPLEMENTOR						10.50		\$7.67
Total For Service:						28.12		\$20.21

Qwest Advice No. 3376T Page 741 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	E	F	G	Н	
						B * (C Thru F)		H * (G/60)

UPS DS1/DS3 ATM SWITCH INTERFACE PORT DISCONNECT - MECHANIZED (con't)

16832 Direct Cost			\$20.21
16833			
16834	Cost	Cost	
16835	Calculation	Factor	Cost
16836	ВС	D	E
16837 Directly Assigned			
16838 Product Management Expense	D16838*E16832	0.040393	\$0.82
16839 Sales Expense	D16839*E16832	0.014960	\$0.30
16840 Product Advertising Expense	D16840*E16832	0.000000	\$0.00
16841 Business Fees (Other Operating Taxes)	D16841*Sum(E16832:E16840)	0.042595	\$0.91
16842 Directly Assigned Costs	Sum(E16832:E16841)		\$2.03
16843			
16844 Total Direct Costs	E16832+E16842		\$22.23
16845			
16846 Directly Attributed			
16847 Network Operations	D16847*E16844	0.056129	\$1.25
16848 Network Support Assets	D16848*E16844	0.014074	\$0.31
16849 General Support Assets	D16849*E16844	0.057904	\$1.29
16850 General Purpose Computers	D16850*E16844	0.040926	\$0.91
16851 Uncollectible	D16851*E16844	0.001136	\$0.03
16852 Accounting & Finance Expense	D16852*E16844	0.010471	\$0.23
16853 Human Resources Expense	D16853*E16844	0.009808	\$0.22
16854 Information Management Expense	D16854*E16844	0.068149	\$1.52
16855 Intangibles	D16855*E16844	0.002634	\$0.06
16856 Directly Attributed Costs	Sum(E16847:E16855)		\$5.81
16857			
16858 TELRIC	E16847+E16856		\$28.04
16859			
16860 Common			
16861 Executive Expense	D16861*E16858	0.008052	\$0.23
16862 Planning Expense	D16862*E16858	0.000682	\$0.02
16863 External Relations Expense	D16863*E16858	0.009631	\$0.27
16864 Legal Expense	D16864*E16858	0.007338	\$0.21
16865 Other Procurement Expense	D16865*E16858	0.002772	\$0.08
16866 Research & Development Expense	D16866*E16858	0.000042	\$0.00
16867 Other General and Admin Expense	D16867*E16858	0.019104	\$0.54
16868 Common Costs	Sum(E16861:E16867)	•	\$1.34
16869			
16870 TELRIC + Common Costs	E16858+E16868		\$29.38

Qwest Advice No. 3376T Page 742 Of 743 ENRC Version: 2.14 Date: 01/17/03

Study Name: PART D FINAL ORDER NRC STUDY 7246 B Study Year: 2001

Analyst: Deffley/Eoriatti
Product Group: Interconnection

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	В	С	D	Е	F	G B * (C Thru F)	Н	I H * (G/60)
						B (C IIIId I)		11 (0/00)
UPS DS1/DS3 ATM SWITCH INTERFACE PORT DISCONNECT - MANUAL								
DISCONNECT								
-SERVICE DELIVERY COORDINATOR								
.70 probability reflects 30% reduction to work time estimates ordered	_	0.700				0.50	# 40.00	# 0.04
ANALYSIS OF REQUEST FOR ACCURACY VERIFY EXISTING ACCOUNT ACTIVITY AND OBTAIN CLOSING BILL INFORMATION	5	0.700 0.700				3.50 1.40	\$40.03 \$40.03	\$2.34 \$0.93
CHECK FOR SERVICE ORDER ACCESS CONTROLLER ERRORS	5	0.700				3.50	\$40.03	\$2.34
ORDER COMPLETION	5	0.700				3.50	\$40.03	\$2.34
ISSUE SERVICE ORDER	5	0.700				3.50	\$40.03	\$2.34
Subtotal - SERVICE DELIVERY COORDINATOR						15.40		\$10.27
-DESIGN								
.05, .95, 1 probability % manual handled								
.70 probability reflects 30% reduction to work time estimates ordered	_							
Log/Verify Facility Log/Verify Facility	8 3	0.050 0.950	0.700 0.700			0.28 2.00	\$44.31 \$44.31	\$0.21 \$1.47
Build/Validate WA	ა 5	0.950	0.700			0.18	\$44.31	\$0.13
Build/Validate WA	2	0.950	0.700			1.33	\$44.31	\$0.98
Build/Verify CD	3	0.050	0.700			0.11	\$44.31	\$0.08
Build/Verify CD	2	0.950	0.700			1.33	\$44.31	\$0.98
Distribute Documents	2	1.000	0.700			1.40	\$44.31	\$1.03
Subtotal - DESIGN						6.62		\$4.89
-CENTRAL OFFICE TECHNICIAN								
Time estimate(s) ordered by commission staff.								
Analyze order	2	1.000				2.00	\$43.81	\$1.46
Remove jumper	3	1.000				3.00	\$43.81	\$2.19
Subtotal - CENTRAL OFFICE TECHNICIAN						5.00		\$3.65
-SERVICE DELIVERY IMPLEMENTOR								
.70 probability reflects 30% reduction to work time estimates ordered								
SCREEN WORK FORCE ADMINISTRATION (WFA) FOR CIRCUIT	5	0.700				3.50	\$43.81	\$2.56
CONTACT CO-PROVIDER COMPELTE ORDER IN WORK FORCE ADMINISTRATION-CIRCUIT (WFA-C)	5 5	0.700 0.700				3.50 3.50	\$43.81 \$43.81	\$2.56 \$2.56
	5	0.700					φ 4 3.01	•
Subtotal - SERVICE DELIVERY IMPLEMENTOR						10.50		\$7.67
Total For Service:						37.52		\$26.48

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Study Name: PART D FINAL ORDER NRC STUDY 7246 B

Study Year: 2001 Analyst: Deffley/Eoriatti

Product Group: Interconnection

State: Washington

	Time	Prob	Prob	Prob	Prob	Applied Time	Labor	
Work Item	Minutes	#1	#2	#3	#4	(Minutes)	/Hour	Cost
A	В	С	D	Е	F	G	Н	[
						B * (C Thru F)		H * (G/60)

UPS DS1/DS3 ATM SWITCH INTERFACE PORT DISCONNECT - MANUAL (con't)

16922 Direct Cost			\$26.48
16923			
16924	Cost	Cost	
16925	Calculation	Factor	Cost
16926	ВС	D	E
16927 Directly Assigned			
16928 Product Management Expense	D16928*E16922	0.040393	\$1.07
16929 Sales Expense	D16929*E16922	0.014960	\$0.40
16930 Product Advertising Expense	D16930*E16922	0.000000	\$0.00
16931 Business Fees (Other Operating Taxes)	D16931*Sum(E16922:E16930)	0.042595	\$1.19
16932 Directly Assigned Costs	Sum(E16922:E16931)		\$2.66
16933			
16934 Total Direct Costs	E16922+E16932		\$29.13
16935			
16936 Directly Attributed			
16937 Network Operations	D16937*E16934	0.056129	\$1.64
16938 Network Support Assets	D16938*E16934	0.014074	\$0.41
16939 General Support Assets	D16939*E16934	0.057904	\$1.69
16940 General Purpose Computers	D16940*E16934	0.040926	\$1.19
16941 Uncollectible	D16941*E16934	0.001136	\$0.03
16942 Accounting & Finance Expense	D16942*E16934	0.010471	\$0.31
16943 Human Resources Expense	D16943*E16934	0.009808	\$0.29
16944 Information Management Expense	D16944*E16934	0.068149	\$1.99
16945 Intangibles	D16945*E16934	0.002634	\$0.08
16946 Directly Attributed Costs	Sum(E16937:E16945)		\$7.61
16947			
16948 TELRIC	E16937+E16946		\$36.74
16949			
16950 Common			
16951 Executive Expense	D16951*E16948	0.008052	\$0.30
16952 Planning Expense	D16952*E16948	0.000682	\$0.03
16953 External Relations Expense	D16953*E16948	0.009631	\$0.35
16954 Legal Expense	D16954*E16948	0.007338	\$0.27
16955 Other Procurement Expense	D16955*E16948	0.002772	\$0.10
16956 Research & Development Expense	D16956*E16948	0.000042	\$0.00
16957 Other General and Admin Expense	D16957*E16948	0.019104	\$0.70
16958 Common Costs	Sum(E16951:E16957)		\$1.75
16959			
16960 TELRIC + Common Costs	E16948+E16958		\$38.49